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REPORT

STATISTICAL
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November 13, 1987

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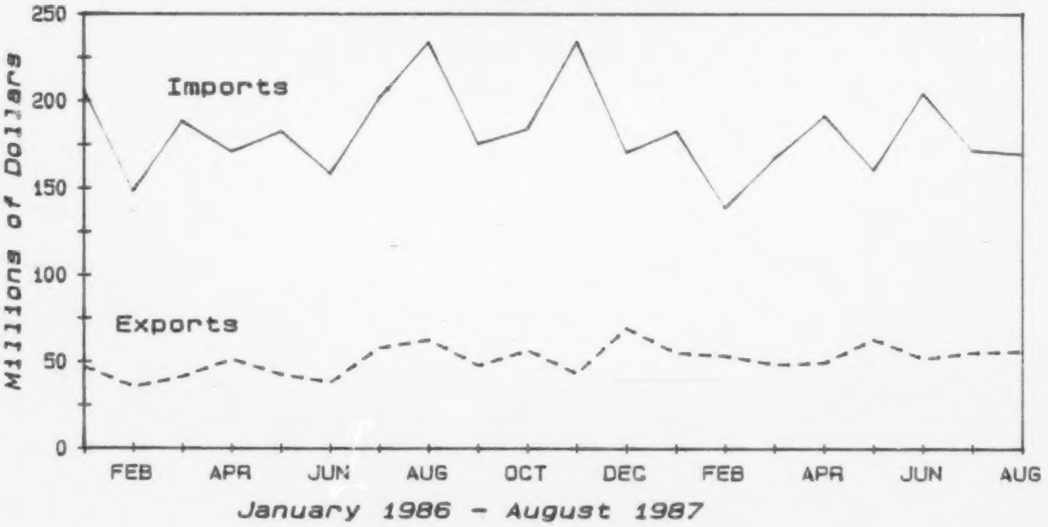
U.S. FOREIGN TRADE IN MACHINE TOOLS - AUGUST 1987

U.S. exports of machine tools rose 1% from the July total while machine tool imports fell 1%. U.S. exports totaled $431.3 million for the first eight months of 1987, a rise of 15% from the same period last year. Year-to-date imports fell 7% to $1,385.2 million. The resulting machine tool trade deficit was $113.2 million for August, bringing the eight month total deficit to $953.9 million, down 14% from the same period last year.

U.S. Machine Tool Trade
($Millions)

	August 1987			Eight Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 39.4	$106.4	($ 67.0)	$254.7	$1,011.4	($ 756.7)
Metal Forming	$ 16.6	$ 62.9	($ 46.3)	$176.7	$ 373.8	($ 197.1)
Total	$ 56.1	$169.3	($113.2)	$431.3	$1,385.2	($ 953.9)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



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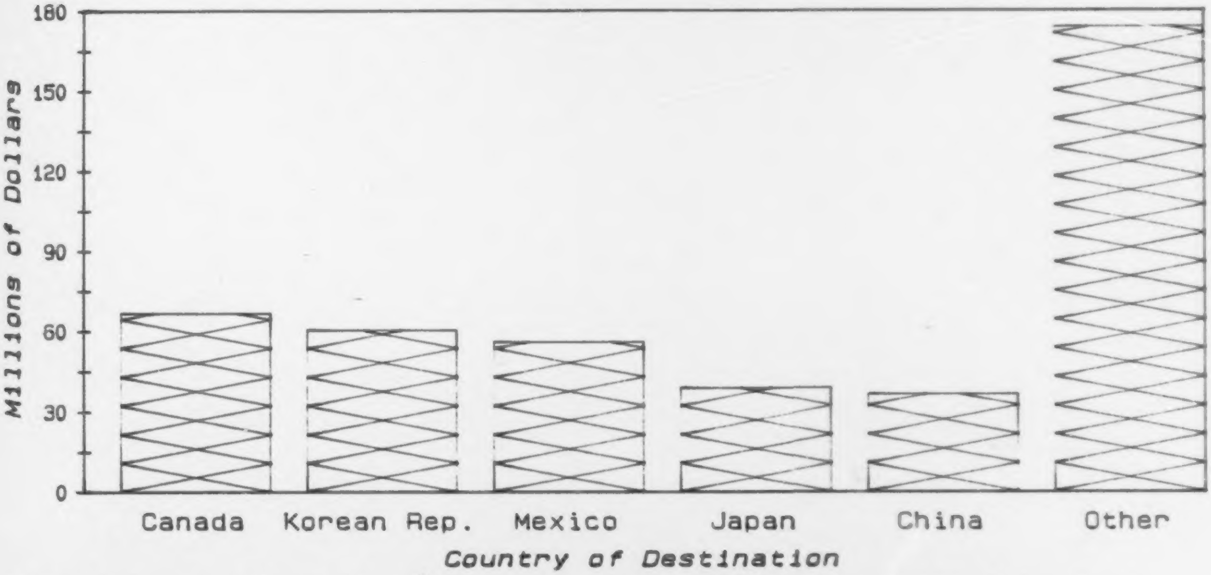
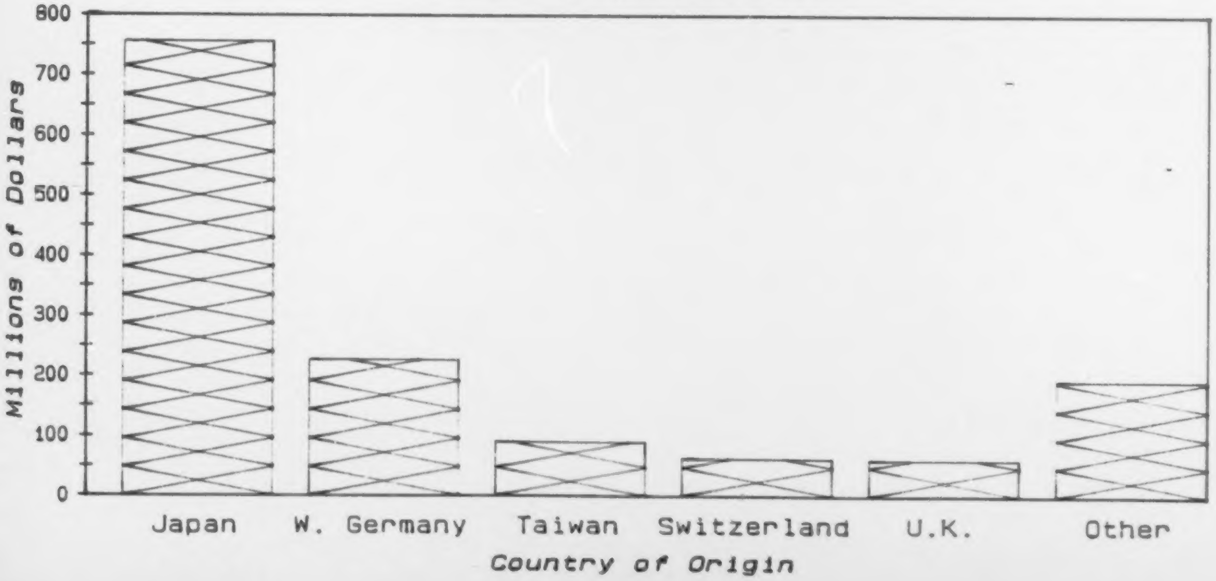
Compared to July, U.S. exports of metal cutting machine tools rose 6% and metal forming exports fell 9%. The year-to-date total of metal cutting machines gained 10% from last year's level. Exports of metal forming machinery increased 24% from the total registered for the first eight months of 1986. For January through August 1987, the leading export markets were (in millions): Canada ($66.6), the Korean Republic ($60.3), Mexico ($55.9), Japan ($38.6) and China ($36.2).

U.S. EXPORTS
1987, Year to Date



U.S. imports of metal cutting machine tools dropped 13% from last month's level as metal forming imports jumped 30%. Compared to the first eight months of 1986, imports of metal cutting machinery decreased 9% and imports of metal forming machine tools fell less than 1%. Leading exporters of machine tools to the U.S. during the first eight months of 1987 were (in millions): Japan ($755.0), West Germany ($225.3), Taiwan ($89.5), Switzerland ($62.3) and the United Kingdom ($60.4).

U.S. IMPORTS
1987, Year to Date



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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1987

RELEASED: NOVEMBER 13, 1987

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3025	Gear Hobbers	62	9782	10	1905
3035	Gear Shapers	48	5934	25	784
3045	Gear Cutting Machines, N.E.C.	19	1276	3	71
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1147	97905	120	9222
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	171	15596	3	251
3409	Horizontal Machining Centers, ATC, NC	472	73407	48	8367
3411	Machining Centers, NC, N.E.C.	355	44089	26	6273
3412	Single Station and Multi-Station Transfer Machines	78	14946	38	4052
3413	Way Type Machines, (Unit Heads)	3	179	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	5	2288	0	0
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	45	12361	0	0
3419	Vertical Boring-Drilling-Milling Machines, NC	129	10860	11	1057
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	16	701	0	0
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	116	4332	19	86
3328	Drilling Machines, NC	128	5895	30	688
3329	Drilling Machines, Multi-Spindle, Non-NC	55	1635	19	208
3334	Drilling Machines, Radial, Non-NC	144	833	28	159
3336	Drilling Machines, Upright, Single Spindle, Non-NC	40	322	10	92
3342	Drilling Machines, Non-NC, N.E.C.	548	13453	132	1602
3464	Milling Machines, NC	449	23456	31	2312
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	10	666	0	0
3467	Milling Machines, Knee Type, Non-NC	2201	12840	194	1265
3468	Milling Machines, Bed Type, Non-NC	185	5895	39	3293
3469	Milling Machines, Non-NC, N.E.C.	740	13066	107	3390
3476	Vertical Boring Machines, Incl. VTL's, NC	20	3650	1	324
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	71	1919	9	213
3481	Boring Machines, NC, N.E.C.	26	2730	1	50
3483	Boring Machines, Non-NC N.E.C.	245	6676	56	1226
3504	Horizontal Lathes, Multi-Spindle, NC	76	6489	19	782
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2146	114173	206	13273
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	289	27778	21	2505
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	150	12311	2	198
3512	Horizontal Engine & Toolroom Lathes, Non-NC	2174	16833	313	2076
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	72	2740	5	652
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	30	4778	1	414
3515	Automatic Bar Machines, Single Spindle, Non-NC	45	2103	4	139
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	43	1810	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	167	2336	2	23
3505	Vertical Lathes, Multi-Spindle, NC	72	5573	3	199
3519	Vertical Lathes, NSPF, NC	179	17845	9	968
3522	Vertical Lathes, Excl. VTL's, Non-NC	623	13208	57	1415
3527	Gear Tooth Grinding & Finishing Machines	213	18695	31	780
3528	Tool & Cutter Grinding Machines, NC	20	1097	1	205
3529	Tool & Cutter Grinding Machines, Non-NC	704	12234	68	2001
3533	Honing & Lapping Machines	181	8013	31	1061
3539	Grinding Machines, Flat Surface, NC	41	3469	2	516
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	128	2475	24	622
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1459	17433	128	1324
3546	Grinding & Polishing Machines, NC, N.E.C.	109	21841	9	2986
3554	External Grinding Machines, Non-NC	181	6386	22	722
3556	Internal Grinding Machines, Non-NC	10	769	1	69
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	68	6524	14	1323
3559	Grinding Machines, Non-NC, N.E.C.	1114	40253	97	3260
3562	Traveling Wire Electrical Discharge Machines	381	26358	44	2902
3564	All Other Electrical Discharge Machines	263	10986	13	313
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	68	9097	12	1593
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	94	2145	7	392
3576	Metal Cutting Machines Tools, NC, N.E.C.	70	68018	12	521
3577	Sawing & Cut-Off Machines, Non-NC	2976	26128	124	1275
3578	Broaching Machines, Non-NC	35	1205	2	10
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	925	30180	93	2877
4000	Metal Cutting Machine Tools, Used or Rebuilt*	2679	15422	300	2104
5000	Metal Cutting Machine Tools, Less Than $2500**	754853	67881	81058	9968
	TOTAL CUTTING			83695	106369
	TOTAL CUTTING YTD	780166	1011353		
674: METAL FORMING					
1010	Die Casting Machines	263	16352	20	277
3582	Metal Forming Machine Tools, Used or Rebuilt	419	5152	24	97
3583	Metal Forming Machine Tools, Less Than $2500	17120	5819	1812	527
3584	Punching and Shearing Machines, Incl. Combination, NC	250	34215	27	3949
3586	Shearing Machines, Non-NC	521	11880	57	1114
3587	Punching & Combination Punching & Shearing Machines, Non-NC	472	7606	34	658
3588	Bending, Folding, Straightening & Flattening Machines, NC	113	9720	13	756
3589	Press Brakes, Non-NC	520	13357	49	833
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	54	897	1	8
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	743	18811	82	2396
3593	Metal Forming Machine Tools, NC, N.E.C.	99	21529	11	1371
3594	Mechanical Presses, Non-NC	938	69230	26	15560
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	136	20554	49	18425
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	399	87993	37	11112
3597	Headers & Upsetters, Non-NC	99	4802	7	472
3598	Forging Machines, Non-NC, N.E.C.	97	5282	4	1203
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	924	40620	116	4123
	TOTAL FORMING			2369	62884
	TOTAL FORMING YTD	23167	373843		
	TOTAL ALL TYPES			86064	169253
	TOTAL ALL TYPES YTD	803333	1385196		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	6	1370
3411	0	0	0	0	0	0	0	0	1	15
3412	0	0	0	0	0	0	0	0	35	3619
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	2	357
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	4	43
3342	0	0	0	0	0	0	0	0	83	704
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	4	44	0	0	0	0	0	0	1	9
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	6	25
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	16	211
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	1	83	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	10	809	0	0	0	0	0	0	1	10
3527	0	0	0	0	0	0	1	151	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	6	47
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	4	88
3543	0	0	0	0	0	0	0	0	4	180
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	6	71
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	2	69
3559	0	0	0	0	24	141	1	6	2	42
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	2	66	12	58
3578	0	0	0	0	0	0	0	0	0	0
3579	1	17	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	2	7	10	54
5000	429	353	10	4	197	46	1053	193	573	786
CUT MO.	445	1306	10	4	221	187	1059	423	774	7756
CUT YTD	1768	6068	655	1189	2002	1038	4879	9827	4870	36310
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	16	2	0	0	22	6	43	26	104	32
3584	0	0	0	0	0	0	0	0	5	190
3586	0	0	4	83	0	0	5	61	7	58
3587	0	0	0	0	0	0	0	0	10	42
3588	0	0	0	0	0	0	0	0	1	46
3589	0	0	17	291	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	0	0	3	10	20	546
3593	0	0	7	48	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	1	10	0	0	0	0	4	3644
3597	0	0	0	0	0	0	0	0	1	72
3598	0	0	0	0	0	0	1	221	0	0
3599	1	76	0	0	0	0	0	0	28	650
FRM MO.	17	78	29	433	22	6	52	318	180	5280
FRM YTD	57	1162	426	6244	33	237	478	2819	1785	20766
TOT MO.	462	1383	39	437	243	192	1111	741	954	13037
TOT YTD	1825	7230	1081	7433	2035	1274	5357	12646	6655	57076

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1987

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	1	36	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	4	119	0	0	0	0
3411	0	0	0	0	0	0	1	28	1	1220
3412	0	0	0	0	0	0	0	0	3	433
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	13	70	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	18	46	0	0	0	0
3464	[illegible]	0	0	0	2	54	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	82	666	0	0	0	0
3468	0	0	0	0	0	0	1	327	0	0
3469	0	0	0	0	2	16	1	129	12	162
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	1	98	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	7	51	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	1	21
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	13
3512	0	0	0	0	2	59	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	3	136
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	11
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	6	469
3528	0	0	0	0	0	0	0	0	1	205
3529	0	0	0	0	0	0	0	0	24	689
3533	0	0	0	0	0	0	1	105	0	0
3539	0	0	0	0	0	0	0	0	1	275
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	1	25
3546	0	0	0	0	0	0	0	0	1	63
3554	0	0	0	0	0	0	0	0	2	71
3556	0	0	0	0	0	0	0	0	0	0
3558	4	73	0	0	0	0	0	0	2	737
3559	1	17	0	0	0	0	9	115	3	360
3562	0	0	0	0	0	0	0	0	7	810
3564	0	0	0	0	0	0	0	0	1	6
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	3	72	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	5	120	2	30	0	0	2	50	4	54
4000	0	0	0	0	0	0	3	11	0	0
5000	21	19	32	71	116	15	237	148	154	11
CUT MO.	31	229	34	101	251	1303	255	913	229	5770
CUT YTD	609	5255	105	362	1628	9819	1372	8526	6156	48609
1010	1	8	0	0	1	43	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	36	27	0	0	71	3
3584	0	0	0	0	0	0	1	19	2	482
3586	1	15	2	34	0	0	0	0	0	0
3587	0	0	0	0	12	78	3	33	0	0
3588	0	0	0	0	0	0	0	0	1	53
3589	1	49	0	0	0	0	0	0	0	0
3591	0	0	0	0	0	0	1	8	0	0
3592	0	0	0	0	0	0	1	26	4	356
3593	0	0	0	0	0	0	0	0	2	1221
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	1	9	0	0	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	1	26
3599	0	0	0	0	0	0	0	0	0	0
FRM MO.	4	81	2	34	49	148	6	86	81	2141
FRM YTD	119	1993	40	544	118	1115	1484	4847	646	13738
TOT MO.	35	310	36	135	300	1450	261	998	310	7911
TOT YTD	728	7248	145	906	1746	10934	2856	13373	6802	62347

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	8	1803	0	0	0	0	0	0
3035	1	149	24	635	0	0	0	0	0	0
3045	1	43	0	0	0	0	0	0	0	0
3404	0	0	1	107	0	0	0	0	2	139
3406	0	0	0	0	0	0	0	0	0	0
3409	1	127	0	0	0	0	0	0	0	0
3411	0	0	10	3817	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	2	234	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	1	49	0	0
3334	1	18	0	0	0	0	0	0	0	0
3336	0	0	5	39	0	0	0	0	0	0
3342	0	0	20	714	0	0	1	3	2	11
3464	10	248	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	11	236	10	2105	0	0	0	0	0	0
3469	1	3	11	2494	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	2	116	20	185	0	0	3	41	0	0
3504	2	240	0	0	0	0	0	0	8	34
3506	6	281	4	893	0	0	0	0	0	0
3508	0	0	2	347	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	54	413	0	0	24	222	0	0	5	28
3513	0	0	1	508	0	0	0	0	0	0
3514	0	0	1	414	0	0	0	0	0	0
3515	1	3	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	1	6	0	0
3519	0	0	1	483	0	0	0	0	0	0
3522	10	154	3	31	0	0	0	0	16	75
3527	1	18	4	36	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	2	24	21	1045	0	0	1	10	0	0
3533	13	201	7	65	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	1	103	0	0	0	0	0	0
3543	1	16	9	179	0	0	0	0	0	0
3546	2	623	5	2163	0	0	0	0	0	0
3554	0	0	2	40	0	0	0	0	0	0
3556	0	0	1	69	0	0	0	0	0	0
3558	0	0	3	364	0	0	0	0	0	0
3559	4	23	23	961	0	0	2	8	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	4	857	0	0	0	0	0	0
3571	3	13	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	1	87	0	0
3577	23	102	18	373	0	0	4	84	0	0
3578	0	0	2	10	0	0	0	0	0	0
3579	11	57	12	1706	0	0	25	269	0	0
4000	129	389	112	1102	0	0	9	38	0	0
5000	255	265	736	171	0	0	192	163	0	0
CUT MO.	545	3762	1083	24055	24	222	240	757	33	288
CUT YTD	7027	48327	48697	180005	335	3189	4981	14046	184	1077
1010	0	0	0	0	0	0	3	97	0	0
3582	3	3	1	7	0	0	20	87	0	0
3583	17	37	235	83	0	0	3	4	0	0
3584	0	0	6	903	0	0	0	0	0	0
3586	2	58	5	249	0	0	2	33	0	0
3587	1	134	1	190	0	0	0	0	0	0
3588	0	0	5	320	0	0	1	29	0	0
3589	1	12	0	0	0	0	5	122	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	2	114	3	342	0	0	24	270	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	1	6	0	0
3595	0	0	0	0	0	0	1	119	0	0
3596	2	247	9	743	0	0	3	216	0	0
3597	1	5	3	218	0	0	0	0	0	0
3598	1	10	1	946	0	0	0	0	0	0
3599	5	620	54	2170	0	0	6	97	0	0
FRM MO.	35	1241	323	6171	0	0	69	1077	0	0
FRM YTD	1144	12042	3378	45274	0	0	1421	18023	1	15
TOT MO.	580	5003	1406	30225	24	222	309	1835	33	288
TOT YTD	8171	60369	52075	225278	335	3189	6402	32070	185	1092

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	2	102	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	2	27	0	0	0	0	0	0
3404	0	0	0	0	104	8216	0	0	0	0
3406	0	0	0	0	1	113	0	0	0	0
3409	0	0	0	0	36	6649	0	0	0	0
3411	0	0	0	0	12	1134	1	59	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	1	218	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	6	29	0	0	0	0
3328	0	0	0	0	15	323	0	0	0	0
3329	0	0	0	0	18	160	0	0	0	0
3334	0	0	0	0	1	29	0	0	0	0
3336	0	0	0	0	1	11	0	0	0	0
3342	0	0	0	0	7	119	0	0	0	0
3464	0	0	0	0	5	1482	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	10	50
3468	0	0	0	0	3	169	0	0	0	0
3469	20	97	0	0	2	69	0	0	0	0
3476	0	0	0	0	1	324	0	0	0	0
3477	0	0	0	0	2	90	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	4	540	0	0	0	0
3504	0	0	0	0	9	509	0	0	0	0
3506	0	0	0	0	178	11293	16	745	0	0
3508	0	0	0	0	18	2117	0	0	0	0
3510	0	0	0	0	1	185	0	0	0	0
3512	0	0	0	0	0	0	83	428	14	106
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	12	0	0	0	0	0	0	0	0
3505	0	0	0	0	2	193	0	0	0	0
3519	0	0	0	0	8	485	0	0	0	0
3522	6	34	0	0	5	205	1	39	0	0
3527	0	0	0	0	10	47	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	1	28	0	0	3	37	0	0	0	0
3533	0	0	0	0	10	690	0	0	0	0
3539	0	0	0	0	1	241	0	0	0	0
3541	0	0	0	0	4	192	0	0	15	239
3543	1	18	0	0	28	241	0	0	0	0
3546	0	0	0	0	1	137	0	0	0	0
3554	5	26	0	0	6	506	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	2	38	0	0	0	0	0	0	0	0
3559	1	11	0	0	17	1462	0	0	7	90
3562	0	0	0	0	22	2003	0	0	0	0
3564	0	0	0	0	10	281	0	0	0	0
3567	0	0	0	0	8	735	0	0	0	0
3571	0	0	0	0	3	359	0	0	0	0
3576	0	0	0	0	11	435	0	0	0	0
3577	1	13	0	0	21	355	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	22	529	0	0	0	0
4000	0	0	0	0	24	388	0	0	0	0
5000	394	60	0	0	10244	1736	15	23	127	185
CUT MO.	434	438	2	27	10885	45032	116	1295	173	669
CUT YTD	2875	2484	25	911	52357	523989	1002	10338	1503	4672
1010	0	0	0	0	8	67	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	275	86	48	11	0	0
3584	0	0	0	0	12	2189	0	0	0	0
3586	0	0	8	138	17	316	0	0	4	69
3587	0	0	0	0	7	181	0	0	0	0
3588	0	0	0	0	5	308	0	0	0	0
3589	0	0	1	31	24	329	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	1	11	17	704	0	0	0	0
3593	0	0	0	0	2	102	0	0	0	0
3594	0	0	0	0	25	15554	0	0	0	0
3595	0	0	0	0	31	18100	0	0	17	206
3596	0	0	0	0	16	6238	0	0	0	0
3597	0	0	0	0	2	177	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	2	84	9	149	5	154	1	71
FRM MO.	0	0	12	262	450	44499	53	165	22	346
FRM YTD	196	9	80	1627	5254	231039	61	227	106	1207
TOT MO.	434	438	14	290	11335	89531	169	1459	195	1015
TOT YTD	3071	2493	105	2538	57611	755028	1063	10565	1609	5878

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
AUGUST 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	12	725	0	0	0	0
3406	2	138	0	0	0	0
3409	1	103	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	6	248	0	0	0	0
3422	0	0	0	0	0	0
3423	13	57	0	0	0	0
3328	15	365	0	0	0	0
3329	0	0	0	0	0	0
3334	13	42	0	0	0	0
3336	0	0	0	0	0	0
3342	1	5	0	0	0	0
3464	14	528	0	0	0	0
3466	0	0	0	0	0	0
3467	102	550	0	0	0	0
3468	14	456	0	0	0	0
3469	49	276	0	0	4	92
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	1	50
3483	2	74	0	0	2	6
3504	0	0	0	0	0	0
3506	1	41	0	0	0	0
3508	1	41	0	0	0	0
3510	0	0	0	0	0	0
3512	90	451	0	0	40	286
3513	4	144	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	2	36	0	0	3	22
3527	9	59	0	0	0	0
3528	0	0	0	0	0	0
3529	10	121	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	82	656	0	0	2	8
3546	0	0	0	0	0	0
3554	0	0	0	0	1	9
3556	0	0	0	0	0	0
3558	0	0	0	0	1	42
3559	1	6	1	8	1	12
3562	0	0	15	89	0	0
3564	2	26	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	1	20
3576	0	0	0	0	0	0
3577	40	152	0	0	0	0
3578	0	0	0	0	0	0
3579	9	43	0	0	0	0
4000	10	114	0	0	1	2
5000	60305	5500	2	2	5966	219
CUT MO.	60810	10956	18	99	6023	767
CUT YTD	583419	87193	93	463	53624	7579
1010	7	63	0	0	0	0
3582	0	0	0	0	0	0
3583	908	150	0	0	34	61
3584	0	0	0	0	1	167
3586	0	0	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3591	0	0	0	0	0	0
3592	0	0	0	0	7	18
3593	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3596	1	6	0	0	0	0
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	2	25	3	29	0	0
FRM MO.	918	243	3	29	42	245
FRM YTD	5888	2259	39	287	413	8343
TOT MO.	61728	11199	21	127	6065	1012
TOT YTD	589307	89452	132	750	54037	15922

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
AUGUST 1987

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	4	98	0	0	4	98
EAST GERMANY	1	42	0	0	1	42
FINLAND	30	22	1	167	31	188
GIBRALTAR	0	0	0	0	0	0
GREECE	1	20	0	0	1	20
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	5	28	0	0	5	28
MALTA	0	0	0	0	0	0
NORWAY	0	0	0	0	0	0
POLAND	28	209	0	0	28	209
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	69	418	1	167	70	585

OTHER NORTH AND CENTRAL AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	2205	70	0	0	2205	70
MEXICO	3711	126	38	78	3749	203
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	5916	196	38	78	5954	273

OTHER SOUTH AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ARGENTINA	1	50	0	0	1	50
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	1	50	0	0	1	50

OTHER OCEANIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
AUGUST 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	17	3	0	0	17	3
INDIA	9	34	3	1	12	35
INDONESIA	10	62	0	0	10	62
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	36	99	3	1	39	100
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	1	4	0	0	1	4
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	4	0	0	1	4

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1987

RELEASED: NOVEMBER 13, 1987		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	29	3225	2	182
3045	Gear Cutting Machines, N.E.C.	64	18735	14	2961
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	26	1520	3	309
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	2	417	0	0
3209	Horizontal Machining Centers, ATC, NC	15	4492	1	621
3211	Machining Centers, NC, N.E.C.	127	10520	8	1535
3216	Single Station and Multi-Station Transfer Machines	21	12408	3	4026
3225	Way Type Machines (Unit Heads)	12	2208	3	399
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	6	901	0	0
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	580	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	10	896	0	0
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	37	1545	9	199
3254	Drilling Machines, NC	20	2258	3	1245
3255	Drilling Machines, Multi-Spindle, Non-NC	31	1976	1	300
3256	Drilling Machines, Radial, Non-NC	39	394	0	0
3257	Drilling Machines, Upright, Single Spindle, Non-NC	10	189	3	15
3258	Drilling Machines, Non-NC, N.E.C.	119	2499	10	206
3264	Milling Machines, NC	29	9112	3	1965
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	15	566	2	312
3267	Milling Machines, Knee Type, Non-NC	0	0	0	0
3268	Milling Machines, Bed Type, Non-NC	2	112	1	80
3269	Milling Machines, Non-NC, N.E.C.	94	3168	9	236
3276	Vertical Boring Machines, Incl. VTLs, NC	4	1114	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	123	8897	2	66
3281	Boring Machines, NC, N.E.C.	1	245	0	0
3283	Boring Machines, Non-NC, N.E.C.	29	2379	1	40
3503	Horizontal Lathes, Multi-Spindle, NC	9	1566	4	505
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	59	5012	15	1165
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	9	1800	0	0
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	7	1797	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	52	845	7	102
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	3	115	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	446	0	0
3515	Automatic Bar Machines, Single-Spindle, Non-NC	27	1073	6	573
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	26	1154	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	378	11776	27	1178
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	4	1069	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	4	799	0	0
3525	Vertical Lathes, Excl. VTLs, Non-NC	79	5595	9	1010
3528	Grinding, Polishing, Honing & Lapping Machines, NC	123	20377	18	4616
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	19	2953	0	0
3531	Tool & Cutter Grinding Machines, Non-NC	148	5431	5	183
3532	Honing & Lapping Machines, Non-NC	218	4459	11	817
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	100	1769	5	111
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	278	18085	28	2059
3541	External Grinding Machines, Non-NC	20	1135	6	338
3542	Internal Grinding Machines, Non-NC	23	3805	5	1150
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	117	7251	10	600
3546	Grinding Machines, Non-NC, N.E.C.	222	7831	38	358
3547	Traveling Wire Electrical Discharge Machines	7	84	2	27
3549	All Other Electrical Discharge Machines	89	1368	16	404
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	12	771	2	150
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	26	810	4	121
3559	Metal Cutting Machine Tools, NC, N.E.C.	36	2926	3	706
3565	Sawing & Cut-Off Machines, Non-NC	322	4863	52	368
3566	Broaching Machines, Non-NC	4	95	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	113	5653	12	215
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	3743	30830	842	6783
5000	Metal Cutting Machine Tools, Less Than $2500**	20023	9198	4879	1199
	TOTAL CUTTING			6084	39440
	TOTAL CUTTING YTD	27191	254656		
674:	METAL FORMING				
1011	Die Casting Machines & Parts	0	12015	0	2068
3568	Metal Forming Machine Tools, Used Or Rebuilt	485	10768	46	478
3569	Metal Forming Machine Tools, Less Than $2500	5149	3015	451	229
3571	Punching & Shearing Machines, Incl. Combination, NC	47	5100	4	410
3573	Shearing Machines, Non-NC	58	2593	21	332
3575	Punching & Combination Punching & Shearing Machines, Non-NC	401	6390	65	876
3578	Bending, Folding, Straightening & Flattening Machines, NC	50	2806	2	42
3582	Press Brakes, Non-NC	23	586	4	37
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	12	996	2	26
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	424	13540	57	1773
3588	Mechanical Presses	157	14740	22	3961
3589	Hydraulic Presses, Vertical, Single Action	39	4788	15	388
3590	Hydraulic & Pneumatic Presses	482	30211	51	2509
3594	Headers & Upsetters, Non-NC	57	8926	8	1710
3595	Forging Machines, Non-NC, N.E.C.	135	4676	14	426
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	625	55486	49	1381
	TOTAL FORMING			811	16649
	TOTAL FORMING YTD	8144	176657		
	TOTAL ALL TYPES			6895	56089
	TOTAL ALL TYPES YTD	35335	431313		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	2	166	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	2	1145	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	7	455	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	18	0	0
3528	17	4322	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	1	5	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	1	30
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	0	0
5000	0	0	69	22	0	0	27	18	1	2
CUT MO.	19	5468	79	647	0	0	28	36	2	32
CUT YTD	57	10839	525	10168	2	404	182	2698	30	199
1011	0	0	0	0	0	0	0	1507	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	6	4	0	0	4	2	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	1	25	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	62	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	13	0	0	0	0	0	0
FRM MO.	0	0	8	79	0	0	5	1534	0	0
FRM YTD	4	230	232	705	9	189	115	3447	11	503
TOT MO.	19	5468	87	726	0	0	33	1570	2	32
TOT YTD	61	11069	757	10873	11	593	297	6145	41	702

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	2	47	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	4	461	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	150	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	1	16	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	98	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	141	0	0	0	0	0	0	0	0
3546	1	3	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	8	21	0	0	0	0	0	0	0	0
5000	612	62	119	14	0	0	0	0	0	0
CUT MO.	630	983	120	30	0	0	0	0	0	0
CUT YTD	1016	3833	323	1472	32	3637	302	846	20	569
1011	0	0	0	0	0	0	0	69	0	0
3568	1	2	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	4	3
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	8	49	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	3	117	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	2	117	0	0	0	0	1	39	0	0
3594	0	0	0	0	0	0	2	40	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	2	8	0	0	0	0	0	0
FRM MO.	11	169	5	126	0	0	3	147	4	3
FRM YTD	78	4041	76	1931	0	0	15	1038	29	1822
TOT MO.	641	1152	125	155	0	0	3	147	4	3
TOT YTD	1094	7874	399	3403	32	3637	317	1884	49	2391

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	6	1632	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	4	196	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	6	136	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	2	165	0	0	0	0	0	0
3505	0	0	1	72	0	0	4	402	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	7	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	6	0	0	2	157	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	217	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	1	8	0	0	0	0	3	85	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	2	147	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	1	61	0	0
3544	1	98	0	0	0	0	1	12	0	0
3546	0	0	0	0	0	0	2	200	2	15
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	299	0	0	0	0	0	0
3565	0	0	1	4	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	9	90	0	0	6	242	0	0
5000	0	0	870	140	0	0	16	12	0	0
CUT MO.	2	106	893	1135	0	0	47	3147	2	15
CUT YTD	396	1681	2929	9663	3	196	794	15078	6	1299
1011	0	0	0	43	0	0	0	66	0	0
3568	0	0	1	5	0	0	1	11	0	0
3569	0	0	19	5	0	0	19	12	0	0
3571	0	0	1	27	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	5	44	0	0	1	6	0	0
3578	0	0	1	17	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	4	128	0	0	0	0	0	0
3588	0	0	2	476	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	1	931	0	0
3595	0	0	0	0	0	0	3	60	0	0
3598	0	0	1	67	0	0	0	0	0	0
FRM MO.	0	0	34	812	0	0	25	1086	0	0
FRM YTD	22	1669	192	6898	36	1042	389	6162	4	132
TOT MO.	2	106	927	1947	0	0	72	4233	2	15
TOT YTD	418	3350	3121	16561	39	1238	1183	21240	10	1431

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTIN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	18	1	164	0	0	0	0
3045	0	0	6	414	0	0	0	0	0	0
3204	0	0	0	0	1	143	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	621	0	0	0	0	0	0
3211	0	0	0	0	2	194	0	0	0	0
3216	0	0	0	0	3	4026	0	0	0	0
3225	0	0	3	399	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	3	63	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	1	3	2	13	0	0	0	0
3258	0	0	0	0	1	17	2	10	0	0
3264	0	0	0	0	2	1827	0	0	0	0
3266	0	0	0	0	2	312	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	22	5	79	1	15	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	1	57	1	10	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	2	339	0	0	0	0
3505	0	0	0	0	1	77	0	0	2	159
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	18	4	42	0	0	1	36
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	2	112	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	3	595	5	39	2	12	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	149	1	65	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	2	15	3	168	0	0	0	0
3532	0	0	3	638	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	1	7	3	140	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	227	0	0	0	0	0	0
3544	0	0	1	13	3	31	0	0	0	0
3546	0	0	2	10	3	21	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	88	5	13	1	80	0	0
3551	0	0	1	84	0	0	0	0	0	0
3553	0	0	0	0	2	37	0	0	0	0
3559	1	378	0	0	0	0	0	0	0	0
3565	0	0	14	177	37	188	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	5	53	4	23	0	0	0	0
4000	1	70	35	399	364	1555	105	211	0	0
5000	74	25	243	268	20	37	76	60	3	5
CUT MO.	76	473	333	4337	479	9669	187	388	6	199
CUT YTD	345	1888	4569	39961	2797	37388	646	1627	75	816
1011	0	0	0	72	0	118	0	0	0	0
3568	1	68	2	54	31	282	4	6	0	0
3569	68	12	224	116	39	48	0	0	0	0
3571	0	0	2	283	0	0	0	0	0	0
3573	0	0	2	108	0	0	0	0	0	0
3575	0	0	4	78	34	186	7	229	1	24
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	1	4	0	0	0	0	0	0
3583	0	0	0	0	2	26	0	0	0	0
3584	4	176	20	572	11	203	0	0	3	16
3588	0	0	0	0	6	121	0	0	0	0
3589	0	0	1	60	3	93	0	0	0	0
3590	0	0	3	428	35	549	0	0	0	0
3594	0	0	0	0	1	12	0	0	0	0
3595	0	0	2	47	8	44	0	0	0	0
3598	1	42	7	226	14	219	0	0	0	0
FRM MO.	74	297	268	2047	184	1901	11	234	4	39
FRM YTD	118	1646	3421	26594	1248	18518	95	1011	16	502
TOT MO.	150	770	601	6384	663	11570	198	622	10	238
TOT YTD	463	3533	7990	66555	4045	55906	741	2638	91	1317

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	3	20	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	1	80	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	6	60	0	0	1	85	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	2	656	0	0	1	102	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	2	645	0	0	0	0	0	0	1	217
3544	0	0	0	0	0	0	0	0	1	175
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	33	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	11	0	0	0	0
4000	5	321	112	386	54	1409	5	8	3	138
5000	4	4	1	2	41	69	47	9	0	0
CUT MO.	15	1738	122	468	97	1591	53	102	5	529
CUT YTD	148	8685	196	1371	464	2381	252	938	731	18024
1011	0	0	0	8	0	0	0	0	0	0
3568	2	35	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	19	16	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	1	11	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	80	0	0	0	0	4	25	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	6	32	0	0	0	0
3594	0	0	1	85	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	2	60	0	0	0	0
FRM MO.	4	115	1	93	9	102	23	41	0	0
FRM YTD	76	5029	27	650	86	2509	326	536	114	18144
TOT MO.	19	1853	123	560	106	1693	76	143	5	529
TOT YTD	224	13714	223	2021	550	4889	578	1474	845	36168

U.S. EXPORTS OF MACHINE TOOLS
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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	1	65
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	3	15	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	2	273	1	137	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	1	53	1	12
3533	4	22	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	6	338
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	24	73	0	0	0	0	0	0	0	0
3547	0	0	2	27	0	0	0	0	0	0
3549	2	57	0	0	0	0	0	0	2	16
3551	0	0	0	0	0	0	0	0	1	66
3553	0	0	0	0	0	0	0	0	1	43
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	113	0	0	0	0	0	0	11	196
5000	9	8	63	19	0	0	1273	59	631	107
CUT MO.	46	560	66	183	0	0	1274	112	654	843
CUT YTD	680	1589	175	2542	17	632	1738	1398	3142	20374
1011	0	95	0	2	0	0	0	0	0	2
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	1	2	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	1	45	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	2	1419
3589	0	0	0	0	0	0	0	0	11	235
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	1	530	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	5	20
FRM MO.	0	95	1	532	0	0	2	47	18	1676
FRM YTD	23	881	9	800	1	437	10	310	187	18229
TOT MO.	46	655	67	715	0	0	1276	158	672	2519
TOT YTD	703	2471	184	3342	18	1069	1748	1708	3329	38603

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	2	915	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	1	300	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	3	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	1	138	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	40	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	4	210	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	1	294	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	1	89	0	0
3538	18	910	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	119	0	0	0	0	1	10	0	0
3546	0	0	0	0	0	0	1	8	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	1	41	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	3	398	51	180	0	0	8	139	1	9
5000	9	2	0	0	11	23	76	84	173	47
CUT MO.	42	3232	51	180	11	23	88	468	174	56
CUT YTD	886	29486	279	977	227	313	529	4189	426	4451
1011	0	0	0	0	0	0	0	2	0	15
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	44	5	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	160	0	0	0	0	2	46	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	3	33
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	3	359	0	0
3588	1	223	0	0	0	0	0	0	9	466
3589	0	0	0	0	0	0	0	0	0	0
3590	1	380	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	2	113
3595	1	275	0	0	0	0	0	0	0	0
3598	15	617	0	0	0	0	0	0	0	0
FRM MO.	19	1655	0	0	0	0	49	412	14	626
FRM YTD	321	30839	5	50	52	59	138	3696	35	2099
TOT MO.	61	4886	51	180	11	23	137	880	188	682
TOT YTD	1207	60325	284	1027	279	372	667	7886	461	6550

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1987

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	1	1198	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	1	56	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	2	23	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	74	0	0	2	43	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	2	128	0	0	0	0	0	0
4000	54	878	4	7	1	16	0	0	0	0
5000	0	0	9	9	396	82	0	0	0	0
CUT MO	55	951	15	143	401	1395	2	23	0	0
CUT YTD	214	6342	399	956	1407	4688	37	130	1	2
1011	0	0	0	16	0	41	0	0	0	0
3568	0	0	0	0	3	15	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	1	100	0	0
3573	18	173	0	0	1	51	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	57	1	10	1	30	0	0	0	0
3588	1	1093	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	2	903	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	1	110	0	0	0	0
FRM MO.	20	1322	1	26	8	1151	1	100	0	0
FRM YTD	51	3717	140	2074	288	3607	9	532	2	20
TOT MO.	75	2274	16	169	409	2546	3	123	0	0
TOT YTD	265	10060	539	3031	1695	8295	46	661	3	22

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
AUGUST 1987

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	3	156	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	1	4	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	4	8	2	5
CUT MO.	3	156	5	12	2	5
CUT YTD	10	228	150	413	34	236
1011	0	13	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	4	4	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	1	164	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	1	176	4	4	0	0
FRM YTD	83	586	42	771	9	2977
TOT MO.	4	332	9	16	2	5
TOT YTD	93	814	192	1184	43	3213

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
AUGUST 1987

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	0	0	1	68	1	68
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	1	378	1	42	2	419
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	68	12	68	12
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	74	25	4	176	78	201
PORTUGAL	0	0	0	0	0	0
ROMANIA	1	70	0	0	1	70
OTHER EUROPE	0	0	0	0	0	0
TOTAL	76	473	74	297	150	770

OTHER NORTH AND CENTRAL AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	85	39	0	0	85	39
BERMUDA	1	15	0	0	1	15
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	2	5	0	0	2	5
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	29	27	5	137	34	164
HAITI	0	0	4	6	4	6
HONDURAS	5	36	2	92	7	128
JAMAICA	10	30	0	0	10	30
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	1	117	0	0	1	117
PANAMA	1	80	0	0	1	80
SALVADOR	53	39	0	0	53	39
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	187	388	11	234	198	622

OTHER SOUTH AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BOLIVIA	0	0	0	0	0	0
CHILE	43	4	4	25	47	29
ECUADOR	6	93	19	16	25	109
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	4	5	0	0	4	5
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	53	102	23	41	76	143

OTHER OCEANIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
AUGUST 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	1	10	1	10
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	14	58	0	0	14	58
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	1	86	0	16	1	101
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	15	143	1	26	16	169
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0-	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	1	2	0	0	1	2
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	1	3	0	0	1	3
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	2	5	0	0	2	5

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED.
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

12/21/87 A8050-3A

REPORT

national machine tool builders' association
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TLX: 353819 NMTBA MCLN

STATISTICAL
REPORT NO. 179-87
December 18, 1987

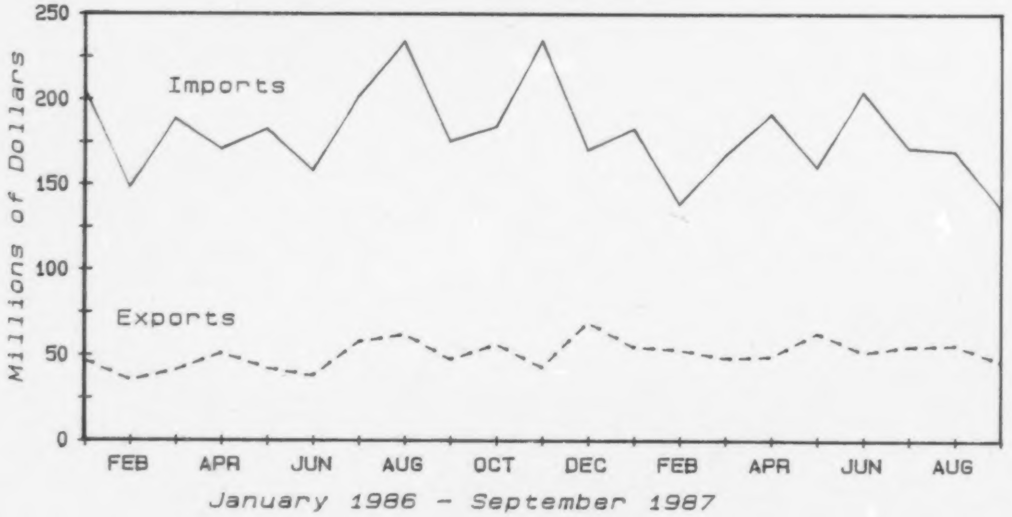
U.S. FOREIGN TRADE IN MACHINE TOOLS - SEPTEMBER 1987

During the third quarter of 1987 U.S. exports totaled $157.7 million, a decrease of 4% from last quarter, while U.S. imports fell 14% to $477.4 million. Compared to the first nine months of 1986, U.S. exports of machine tools increased 13% as U.S. imports dropped 9%. The second quarter to third quarter changes combined to produce a trade deficit of $319.7 million for the third quarter, down 18% from last quarter. The resulting year-to-date trade deficit of $1,044.4 million is 16% below the comparable 1986 deficit of $1,242.4 million.

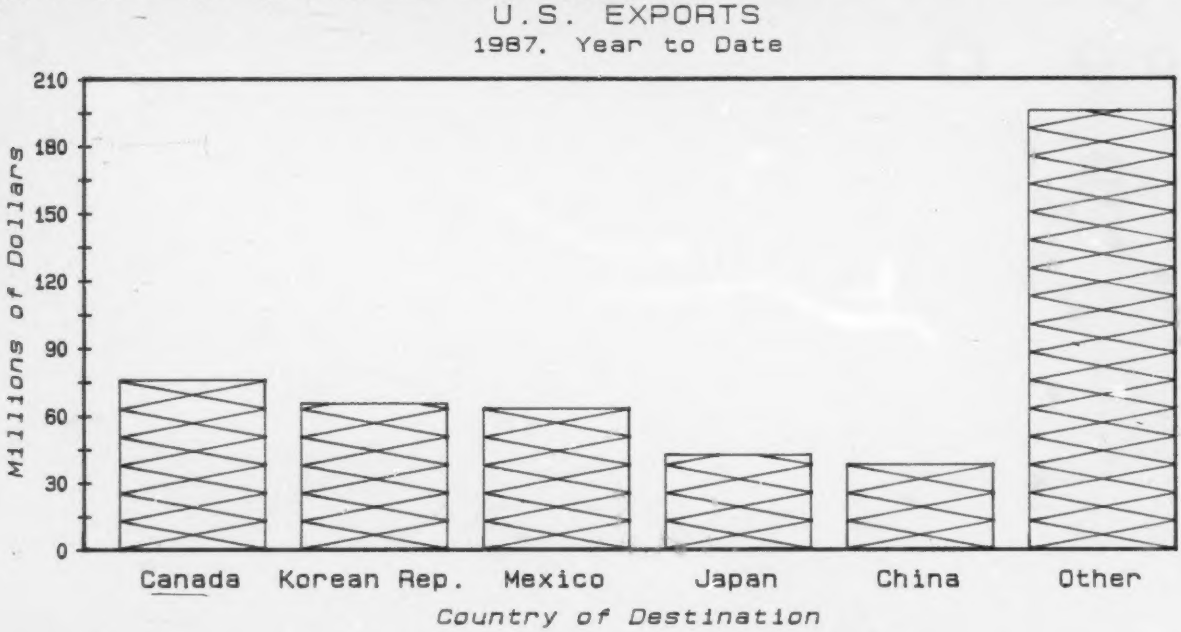
U.S. Machine Tool Trade
($Millions)

	Third Quarter 1987			Nine Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 102.9	$ 335.3	($ 232.4)	$ 281.1	$1,117.3	($ 836.2)
Metal Forming	$ 54.8	$ 142.1	($ 87.3)	$ 196.5	$ 404.7	($ 208.2)
Total	$ 157.7	$ 477.4	($ 319.7)	$ 477.6	$1,522.0	($1,044.4)

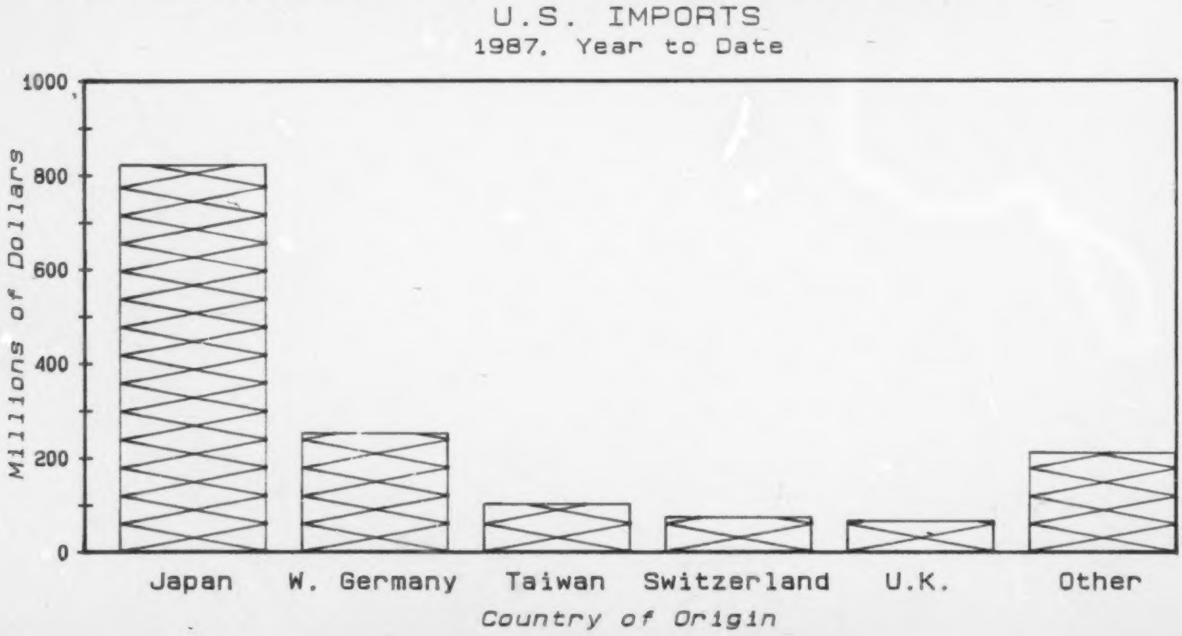
U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



U.S. exports of metal cutting machine tools rose 11% during the third quarter of 1987 and metal forming exports fell 23% from the second quarter levels. Compared to the first nine months of 1986, metal cutting and metal forming exports increased 7% and 23%, respectively. For January through September 1987, the leading export markets were (in millions): Canada ($75.3), Korean Republic ($64.8), Mexico ($62.6), Japan ($42.0) and China ($37.6).



Compared to the second quarter of 1987, U.S. imports of metal cutting machinery fell 15% while imports of metal forming machine tools declined 11%. The year-to-date imports of metal cutting machines dropped 10% from the same period last year. Metal forming imports declined 3% from the first nine months of 1986. Leading exporters of machine tools to the U.S. during the first nine months of 1987 were (in millions): Japan ($820.7), West Germany ($251.2), Taiwan ($100.7), Switzerland ($73.2) and the United Kingdom ($65.3).



I1, I2, ES

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1987

RELEASED: DECEMBER 18, 1987

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	72	11619	10	1837
3035	Gear Shapers	48	5934	0	0
3045	Gear Cutting Machines, N.E.C.	19	1276	0	0
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1239	105159	92	7254
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	176	16073	5	477
3409	Horizontal Machining Centers, ATC, NC	514	81133	42	7726
3411	Machining Centers, NC, N.E.C.	365	45195	10	1106
3412	Single Station and Multi-Station Transfer Machines	81	16086	3	1140
3413	Way Type Machines, (Unit Heads)	3	179	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	6	2591	1	304
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	51	13012	6	651
3419	Vertical Boring-Drilling-Milling Machines, NC	145	11554	16	694
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	27	1497	11	796
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	122	4341	6	9
3328	Drilling Machines, NC	128	5895	0	0
3329	Drilling Machines, Multi-Spindle, Non-NC	55	1635	0	0
3334	Drilling Machines, Radial, Non-NC	151	856	7	23
3336	Drilling Machines, Upright, Single Spindle, Non-NC	41	366	1	44
3342	Drilling Machines, Non-NC, N.E.C.	576	14398	28	946
3464	Milling Machines, NC	513	28381	64	4925
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	11	671	1	6
3467	Milling Machines, Knee Type, Non-NC	2341	13748	140	908
3468	Milling Machines, Bed Type, Non-NC	187	5948	2	53
3469	Milling Machines, Non-NC, N.E.C.	805	16541	65	3475
3476	Vertical Boring Machines, Incl. VTL's, NC	20	3650	0	0
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	80	1945	9	26
3481	Boring Machines, NC, N.E.C.	26	2730	0	0
3483	Boring Machines, Non-NC N.E.C.	278	13662	33	6986
3504	Horizontal Lathes, Multi-Spindle, NC	85	7437	9	949
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2359	128992	213	14819
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	338	34042	49	6265
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	152	12704	2	393
3512	Horizontal Engine & Toolroom Lathes, Non-NC	2350	18080	176	1246
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	77	2889	5	149
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	31	4863	1	86
3515	Automatic Bar Machines, Single Spindle, Non-NC	46	2134	1	32
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	43	1810	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	168	2491	1	156
3505	Vertical Lathes, Multi-Spindle, NC	91	5881	19	307
3519	Vertical Lathes, NSPF, NC	190	19243	11	1398
3522	Vertical Lathes, Excl. VTL's, Non-NC	715	14700	92	1492
3527	Gear Tooth Grinding & Finishing Machines	221	20313	8	1619
3528	Tool & Cutter Grinding Machines, NC	27	1472	7	375
3529	Tool & Cutter Grinding Machines, Non-NC	762	14253	58	2019
3533	Honing & Lapping Machines	204	8863	23	850
3539	Grinding Machines, Flat Surface, NC	42	3699	1	230
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	179	3410	51	936
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1597	19366	138	1933
3546	Grinding & Polishing Machines, NC, N.E.C.	116	22414	7	572
3554	External Grinding Machines, Non-NC	194	6920	13	534
3556	Internal Grinding Machines, Non-NC	12	863	2	95
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	75	6806	7	282
3559	Grinding Machines, Non-NC, N.E.C.	1204	43308	90	3055
3562	Traveling Wire Electrical Discharge Machines	457	31930	76	5571
3564	All Other Electrical Discharge Machines	303	13261	40	2274
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	77	10501	9	1404
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	104	6036	10	3892
3576	Metal Cutting Machines Tools, NC, N.E.C.	78	68273	8	256
3577	Sawing & Cut-Off Machines, Non-NC	3091	26976	115	848
3578	Broaching Machines, Non-NC	37	1213	2	8
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1058	32349	133	2169
4000	Metal Cutting Machine Tools, Used or Rebuilt*	3958	16675	1279	1253
5000	Metal Cutting Machine Tools, Less Than $2500**	862940	76964	108087	9083
	TOTAL CUTTING			111295	105944
	TOTAL CUTTING YTD	891461	1117298		
674:	METAL FORMING				
1010	Die Casting Machines	314	16700	51	348
3582	Metal Forming Machine Tools, Used or Rebuilt	443	5366	24	214
3583	Metal Forming Machine Tools, Less Than $2500	18076	6181	956	362
3584	Punching and Shearing Machines, Incl. Combination, NC	264	36439	14	2224
3586	Shearing Machines, Non-NC	586	12796	65	916
3587	Punching & Combination Punching & Shearing Machines, Non-NC	488	7809	16	203
3588	Bending, Folding, Straightening & Flattening Machines, NC	147	11070	34	1349
3589	Press Brakes, Non-NC	540	13890	20	533
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	87	1340	33	443
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	787	19615	44	804
3593	Metal Forming Machine Tools, NC, N.E.C.	102	21642	3	113
3594	Mechanical Presses, Non-NC	967	70112	29	882
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	203	21895	67	1341
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	460	102875	61	14882
3597	Headers & Upsetters, Non-NC	106	5463	7	661
3598	Forging Machines, Non-NC, N.E.C.	109	6105	12	823
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1040	45348	116	4728
	TOTAL FORMING			1552	30830
	TOTAL FORMING YTD	24719	404673		
	TOTAL ALL TYPES			112847	136774
	TOTAL ALL TYPES YTD	916180	1521971		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	2	328
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	3	67
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	1	388
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	2	5	0	0	2	382
3464	9	106	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	12	66	0	0	0	0	0	0	1	6
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	20	189
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	1	91	0	0
3508	0	0	0	0	0	0	2	145	0	0
3510	0	0	0	0	0	0	0	0	1	277
3512	6	33	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	17	630	0	0	0	0	0	0	1	11
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	5	117
3529	0	0	0	0	0	0	0	0	2	65
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	31	385
3543	3	28	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	10	129	0	0	14	53	0	0	13	317
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	2	455
3571	0	0	0	0	0	0	1	24	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	0	0	22	82
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	1	1	6	58
5000	82	132	4	1	16	17	1391	203	421	203
CUT MO.	139	1123	4	1	32	75	1396	465	533	3330
CUT YTD	1907	7191	659	1190	2034	1112	6275	10292	5403	39640
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	7	71
3583	34	16	0	0	0	0	0	0	13	4
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	5	96	0	0	0	0	9	57
3587	0	0	0	0	0	0	0	0	9	57
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	3	147	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	0	0	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	6	18
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	1	3	2	2630
3597	0	0	0	0	0	0	0	0	0	0
3598	2	20	0	0	0	0	0	0	0	0
3599	0	0	0	0	0	0	0	0	10	116
FRM MO.	36	36	8	243	0	0	1	3	56	2954
FRM YTD	93	1198	434	6487	33	237	479	2823	1841	23720
TOT MO.	175	1159	12	244	32	75	1397	468	589	6283
TOT YTD	2000	8389	1093	7677	2067	1349	6754	13114	7244	63360

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1987

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	1	288	0	0	0	0
3412	0	0	0	0	0	0	0	0	3	1140
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	2	13	0	0	0	0
3464	0	0	0	0	0	0	0	0	3	2214
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	6	914	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	3	1286
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	1	4	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	1	32
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	156
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	0	0	1	7
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	3	229	0	0	4	286
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	1	475	0	0	0	0
3546	0	0	0	0	0	0	0	0	1	44
3554	0	0	0	0	0	0	0	0	8	220
3556	0	0	0	0	0	0	0	0	0	0
3558	4	49	0	0	0	0	0	0	3	234
3559	2	33	0	0	10	346	0	0	6	1298
3562	0	0	0	0	0	0	0	0	23	1935
3564	0	0	0	0	0	0	0	0	14	370
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	28	121	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	4	16	1	174
4000	0	0	0	0	1	6	8	30	23	118
5000	8	6	0	0	0	0	89	91	568	52
CUT MO.	42	209	0	0	19	1362	107	1051	663	9565
CUT YTD	651	5465	105	362	1647	11180	1479	9577	6819	58173
1010	0	0	0	0	0	0	0	0	1	52
3582	0	0	0	0	0	0	0	0	0	0
3583	1	2	0	0	0	0	15	10	97	43
3584	0	0	0	0	0	0	0	0	1	206
3586	3	48	0	0	2	22	0	0	0	0
3587	0	0	0	0	0	0	0	0	1	67
3588	0	0	0	0	0	0	0	0	4	53
3589	1	33	1	7	4	30	0	0	0	0
3591	0	0	0	0	0	0	5	176	0	0
3592	0	0	0	0	0	0	1	6	1	80
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	1	102
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	6	94	1	94	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	2	34	0	0	2	15	1	44	3	670
FRM MO.	7	116	1	7	14	161	23	330	109	1273
FRM YTD	126	2109	41	551	132	1276	1507	5177	755	15011
TOT MO.	49	325	1	7	33	1522	130	1380	772	10838
TOT YTD	777	7574	146	913	1779	12456	2986	14754	7574	73184

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	8	1509	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	3	176	1	78	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	1	77	0	0	0	0	0	0	0	0
3411	0	0	2	176	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	2	65	0	0	0	0	0	0
3419	0	0	4	270	0	0	0	0	0	0
3422	0	0	5	76	5	333	0	0	0	0
3423	1	6	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	2	19	3	302	0	0	4	100	0	0
3464	19	509	1	216	0	0	0	0	0	0
3466	1	6	0	0	0	0	0	0	0	0
3467	23	311	0	0	0	0	0	0	0	0
3468	0	0	1	6	0	0	0	0	0	0
3469	5	387	6	1510	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	10	6732	0	0	2	12	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	1	42	6	1344	0	0	0	0	0	0
3508	0	0	2	263	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	31	308	0	0	0	0	0	0	4	57
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	2	437	0	0	0	0	0	0
3522	15	119	2	130	0	0	1	41	26	150
3527	1	70	5	1415	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	11	190	19	799	0	0	1	3	0	0
3533	9	105	10	645	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	3	167	0	0	0	0	0	0
3543	1	10	22	130	9	82	0	0	0	0
3546	0	0	3	103	0	0	0	0	0	0
3554	0	0	1	91	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	7	119	14	570	0	0	7	131	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	1	10	0	0	0	0	0	0	0	0
3567	0	0	1	98	0	0	0	0	0	0
3571	1	340	5	3503	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	24	258	0	0	8	82	0	0
3578	0	0	2	8	0	0	0	0	0	0
3579	12	98	11	928	0	0	29	294	0	0
4000	98	255	30	59	0	0	5	21	0	0
5000	729	190	13513	538	0	0	240	105	10	4
CUT MO.	972	3346	13718	22424	14	415	297	788	40	211
CUT YTD	7999	51673	62415	202429	349	3604	5278	14834	224	1288
1010	0	0	4	112	0	0	37	97	0	0
3582	4	36	5	43	0	0	7	51	0	0
3583	4	7	225	57	0	0	28	30	0	0
3584	0	0	1	275	0	0	0	0	0	0
3586	9	146	15	345	0	0	1	17	0	0
3587	0	0	5	66	0	0	0	0	0	0
3588	0	0	1	128	0	0	3	54	0	0
3589	0	0	0	0	0	0	10	306	0	0
3591	20	158	0	0	0	0	0	0	0	0
3592	4	145	2	257	0	0	23	146	0	0
3593	0	0	3	113	0	0	0	0	0	0
3594	0	0	1	31	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	8	195	21	287	0	0	5	53	0	0
3597	0	0	1	193	0	0	0	0	0	0
3598	0	0	3	755	0	0	7	49	0	0
3599	11	860	15	863	0	0	25	1090	0	0
FRM MO.	60	1546	302	3524	0	0	146	1893	0	0
FRM YTD	1204	13588	3680	48798	0	0	1567	19916	1	15
TOT MO.	1032	4892	14020	25948	14	415	443	2681	40	211
TOT YTD	9203	65261	66095	251226	349	3604	6845	34751	225	1303

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	79	6490	0	0	0	0
3406	0	0	0	0	2	189	0	0	0	0
3409	0	0	0	0	41	7649	0	0	0	0
3411	0	0	0	0	4	576	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	1	304	0	0	0	0
3418	0	0	0	0	4	586	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	1	44	0	0	0	0
3342	0	0	0	0	4	37	0	0	0	0
3464	0	0	0	0	12	1187	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	1	23	0	0	10	48
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	8	478	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	1	53	0	0	0	0
3504	0	0	0	0	9	949	0	0	0	0
3506	0	0	0	0	178	12441	14	696	8	71
3508	0	0	0	0	42	4570	0	0	0	0
3510	0	0	0	0	1	116	0	0	0	0
3512	0	0	0	0	2	41	12	97	28	226
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	1	86	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	5	250	0	0	0	0
3519	0	0	0	0	9	961	0	0	0	0
3522	0	0	0	0	3	125	0	0	0	0
3527	0	0	0	0	2	135	0	0	0	0
3528	0	0	0	0	2	259	0	0	0	0
3529	0	0	0	0	4	328	0	0	0	0
3533	0	0	0	0	4	100	0	0	0	0
3539	0	0	0	0	1	230	0	0	0	0
3541	0	0	0	0	4	204	0	0	13	180
3543	0	0	0	0	33	685	0	0	0	0
3546	0	0	0	0	3	425	0	0	0	0
3554	0	0	0	0	2	200	0	0	0	0
3556	0	0	0	0	1	60	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3562	0	0	0	0	39	3570	0	0	0	0
3564	0	0	0	0	20	1820	0	0	0	0
3567	0	0	0	0	6	851	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	8	256	0	0	0	0
3577	0	0	1	40	10	189	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	57	586	0	0	0	0
4000	1	32	0	0	1010	411	1	20	8	3
5000	1354	42	0	0	6679	890	3	1	156	207
CUT MO.	1355	74	1	40	8293	48349	30	813	223	734
CUT YTD	4230	2558	26	951	60650	572338	1032	11151	1726	5406
1010	0	0	0	0	8	81	0	0	0	0
3582	0	0	0	0	1	13	0	0	0	0
3583	0	0	20	7	17	29	5	2	0	0
3584	0	0	0	0	12	1743	0	0	0	0
3586	0	0	0	0	14	133	0	0	1	13
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	26	1114	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3591	0	0	0	0	5	88	0	0	0	0
3592	0	0	1	12	10	146	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	21	731	0	0	0	0
3595	0	0	0	0	59	1248	0	0	6	86
3596	0	0	0	0	3	10705	0	0	0	0
3597	0	0	0	0	6	468	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	7	53	18	840	0	0	0	0
FRM MO.	0	0	28	72	200	17340	5	2	7	98
FRM YTD	196	9	108	1699	5454	248379	66	228	113	1305
TOT MO.	1355	74	29	112	8493	65689	35	815	230	832
TOT YTD	4426	2567	134	2650	66104	820717	1098	11380	1839	6711

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	9	511	0	0	0	0
3406	3	288	0	0	0	0
3409	0	0	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	12	424	0	0	0	0
3422	0	0	0	0	0	0
3423	5	4	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	4	12	0	0	3	12
3336	0	0	0	0	0	0
3342	8	82	0	0	1	6
3464	20	693	0	0	0	0
3466	0	0	0	0	0	0
3467	106	526	0	0	0	0
3468	1	47	0	0	0	0
3469	24	80	3	34	0	0
3476	0	0	0	0	0	0
3477	9	26	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	5	135	0	0	0	0
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	60	358	0	0	32	123
3513	5	149	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	14	58	0	0	0	0
3519	0	0	0	0	0	0
3522	15	126	7	95	4	59
3527	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	13	71	0	0	1	47
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	68	426	0	0	1	97
3546	0	0	0	0	0	0
3554	1	13	0	0	1	10
3556	0	0	0	0	1	35
3558	0	0	0	0	0	0
3559	7	59	0	0	0	0
3562	0	0	14	66	0	0
3564	5	75	0	0	0	0
3567	0	0	0	0	0	0
3571	3	25	0	0	0	0
3576	0	0	0	0	0	0
3577	22	76	0	0	0	0
3578	0	0	0	0	0	0
3579	19	74	0	0	0	0
4000	85	209	1	3	1	28
5000	77098	6173	7	13	5719	216
CUT MO.	77621	10716	32	210	5764	633
CUT YTD	661040	97909	125	674	59388	8212
1010	1	5	0	0	0	0
3582	0	0	0	0	0	0
3583	481	135	3	1	13	20
3584	0	0	0	0	0	0
3586	4	10	0	0	2	30
3587	0	0	0	0	1	13
3588	0	0	0	0	0	0
3589	0	0	0	0	1	10
3591	3	21	0	0	0	0
3592	1	7	1	7	0	0
3593	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	2	7	0	0	0	0
3596	9	234	0	0	5	587
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	16	82	0	0	6	62
FRM MO.	517	500	4	8	28	722
FRM YTD	6405	2760	43	295	441	9065
TOT MO.	78138	11216	36	218	5792	1355
TOT YTD	667445	100668	168	968	59829	17276

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
SEPTEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	3	76	0	0	3	76
EAST GERMANY	6	104	0	0	6	104
FINLAND	30	10	2	404	32	414
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	2	35	2	35
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	1	2	1	149	2	150
POLAND	35	139	0	0	35	139
ROMANIA	1	97	0	0	1	97
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	76	428	5	587	81	1015
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	5658	198	10	42	5668	240
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	5658	198	10	42	5668	240
OTHER SOUTH AMERICA						
ARGENTINA	0	0	1	16	1	16
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	0	0	1	16	1	16
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	5	4	0	0	5	4
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	5	4	0	0	5	4

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
SEPTEMBER 1987

OTHER ASIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	25	2	0	0	25	2
INDIA	0	0	0	0	0	0
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	[illegible]	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	1	13	1	13
TURKEY	0	0	5	3	5	3
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	25	2	6	15	31	17

OTHER AFRICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	6	62	6	62
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	6	62	6	62

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1987

RELEASED: DECEMBER 18, 1987

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers -	30	3438	1	213
3045	Gear Cutting Machines, N.E.C.	68	19300	4	565
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	27	1552	1	32
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	2	417	0	0
3209	Horizontal Machining Centers, ATC, NC	16	4902	1	409
3211	Machining Centers, NC, N.E.C.	133	11069	6	549
3216	Single Station and Multi-Station Transfer Machines	21	12408	0	0
3225	Way Type Machines (Unit Heads)	12	2208	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	8	1267	2	367
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	580	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	10	896	0	0
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	37	1545	0	0
3254	Drilling Machines, NC	23	2359	3	101
3255	Drilling Machines, Multi-Spindle, Non-NC	34	2101	3	126
3256	Drilling Machines, Radial, Non-NC	39	394	0	0
3257	Drilling Machines, Upright, Single Spindle, Non-NC	12	239	2	50
3258	Drilling Machines, Non-NC, N.E.C.	130	2658	11	159
3264	Milling Machines, NC	49	11551	20	2439
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	19	641	4	75
3267	Milling Machines, Knee Type, Non-NC	1	40	1	40
3268	Milling Machines, Bed Type, Non-NC	2	112	0	0
3269	Milling Machines, Non-NC, N.E.C.	104	3394	10	226
3276	Vertical Boring Machines, Incl. VTLs, NC	4	1114	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	126	8930	3	34
3281	Boring Machines, NC, N.E.C.	1	245	0	0
3283	Boring Machines, Non-NC, N.E.C.	38	3743	9	1364
3503	Horizontal Lathes, Multi-Spindle, NC	9	1566	0	0
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	71	5936	12	924
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	15	2456	6	656
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	9	2188	2	391
3510	Horizontal Engine & Toolroom Lathes, Non-NC	61	977	9	132
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	5	286	2	171
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	12	741	6	294
3515	Automatic Bar Machines, Single-Spindle, Non-NC	31	1211	4	138
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	29	1195	3	41
3518	Horizontal Lathes, Non-NC, N.E.C.	396	12620	18	844
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	4	1069	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	6	935	2	136
3525	Vertical Lathes, Excl. VTLs, Non-NC	103	6767	24	1172
3528	Grinding, Polishing, Honing & Lapping Machines, NC	136	23775	13	3398
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	20	2976	1	23
3531	Tool & Cutter Grinding Machines, Non-NC	174	5817	26	387
3532	Honing & Lapping Machines, Non-NC	241	4657	23	198
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	104	1823	4	55
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	309	20526	31	2441
3541	External Grinding Machines, Non-NC	22	1374	2	238
3542	Internal Grinding Machines, Non-NC	23	3805	0	0
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	122	7697	5	446
3546	Grinding Machines, Non-NC, N.E.C.	251	8771	29	940
3547	Traveling Wire Electrical Discharge Machines	14	182	7	98
3549	All Other Electrical Discharge Machines	102	1756	13	389
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	12	771	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	28	861	2	51
3559	Metal Cutting Machine Tools, NC, N.E.C.	40	3008	4	82
3565	Sawing & Cut-Off Machines, Non-NC	341	5222	19	358
3566	Broaching Machines, Non-NC	5	103	1	8
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	131	6460	18	806
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	4240	34390	497	3560
5000	Metal Cutting Machine Tools, Less Than $2500**	23569	10502	3546	1304
	TOTAL CUTTING			4410	26434
	TOTAL CUTTING YTD	31601	281090		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	13124	0	1109
3568	Metal Forming Machine Tools, Used Or Rebuilt	608	14344	123	3577
3569	Metal Forming Machine Tools, Less Than $2500	5539	3263	390	248
3571	Punching & Shearing Machines, Incl. Combination, NC	55	5984	8	884
3573	Shearing Machines, Non-NC	64	2966	6	373
3575	Punching & Combination Punching & Shearing Machines, Non-NC	431	7393	30	1003
3578	Bending, Folding, Straightening & Flattening Machines, NC	67	4283	17	1478
3582	Press Brakes, Non-NC	25	640	2	54
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	12	996	0	0
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	488	16143	64	2603
3588	Mechanical Presses	176	16044	19	1304
3589	Hydraulic Presses, Vertical, Single Action	41	5624	2	836
3590	Hydraulic & Pneumatic Presses	531	32721	49	2510
3594	Headers & Upsetters, Non-NC	67	10680	10	1754
3595	Forging Machines, Non-NC, N.E.C.	143	4823	8	147
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	686	57465	61	1979
	TOTAL FORMING			789	19863
	TOTAL FORMING YTD	8933	196520		
	TOTAL ALL TYPES			5199	46297
	TOTAL ALL TYPES YTD	40534	477610		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	1	50
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	3	232	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	4	166
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	395	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	6	1511	0	0	0	0	0	0	0	0
3529	0	0	1	23	0	0	0	0	0	0
3531	0	0	0	0	0	0	1	68	0	0
3532	0	0	0	0	0	0	1	16	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	258	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	2	276	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	79	0	0	0	0
4000	0	0	0	0	0	0	5	49	0	0
5000	0	0	0	0	0	0	9	15	0	0
CUT MO.	7	1769	4	255	1	79	19	818	5	216
CUT YTD	64	12608	529	10423	3	483	201	3516	35	415
1011	0	9	0	0	0	0	0	33	0	0
3568	0	0	1	3	0	0	0	0	2	37
3569	12	10	3	2	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	53	3	16
3588	0	0	1	11	0	0	1	48	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	1	309
3594	0	0	0	0	0	0	1	93	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	12	20	5	15	0	0	3	227	6	362
FRM YTD	16	249	237	720	9	189	118	3674	17	865
TOT MO.	19	1789	9	270	1	79	22	1045	11	577
TOT YTD	80	12858	766	11143	12	672	319	7190	52	1279

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	1	69	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	2	47	0	0
3528	2	519	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	7	58	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	4	310
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	72	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	12	0	0	0	0	0	0	1	26
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	13	0	0	0	0	0	0	0	0
3566	1	8	0	0	0	0	0	0	0	0
3567	0	0	1	26	0	0	0	0	0	0
4000	9	95	0	0	0	0	0	0	0	0
5000	103	53	0	0	0	0	0	0	117	18
CUT MO.	126	898	1	26	0	0	2	47	122	355
CUT YTD	1142	4732	324	1498	32	3637	304	893	142	923
1011	0	12	0	12	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	4	149	1	34	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	36	0	0	0	0	1	92
FRM MO.	4	161	2	82	0	0	0	0	1	92
FRM YTD	82	4202	78	2013	0	0	15	1038	30	1914
TOT MO.	130	1060	3	108	0	0	2	47	123	447
TOT YTD	1224	8934	402	3511	32	3637	319	1931	172	2837

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1987

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	3	511	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	7	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	2	30	0	0	1	30	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	34	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	143	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	4	128	0	0	0	0	0	0
3528	1	260	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	9	60	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	1	7	0	0
3547	0	0	0	0	0	0	7	98	0	0
3549	0	0	1	73	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	1	7	0	0	0	0	0	0
3559	1	36	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	2	13	0	0	2	59	0	0
4000	0	0	6	61	0	0	8	146	0	0
5000	6	7	108	51	0	0	69	18	0	0
CUT MO.	9	310	125	396	0	0	101	1071	0	0
CUT YTD	405	1991	3054	10059	3	196	895	16149	6	1299
1011	0	3	0	18	0	0	0	29	0	0
3568	0	0	12	248	0	0	0	0	0	0
3569	0	0	11	8	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	1	262	0	0	0	0	0	0
3575	0	0	1	22	0	0	2	46	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	92	0	0
3588	0	0	4	342	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	1	93	0	0	0	0	2	578	0	0
3595	0	0	4	78	0	0	0	0	0	0
3598	0	0	1	269	0	0	0	0	0	0
FRM MO.	1	96	34	1245	0	0	5	746	0	0
FRM YTD	23	1765	226	8143	36	1042	394	6908	4	132
TOT MO.	10	406	159	1641	0	0	106	1817	0	0
TOT YTD	428	3756	3280	18202	39	1238	1289	23057	10	1431

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	54	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	3	391	1	30	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	2	367	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	3	101	0	0	0	0
3255	0	0	0	0	0	0	1	36	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	2	50	0	0	0	0	0	0
3258	0	0	1	44	5	96	0	0	1	4
3264	0	0	14	1289	3	102	0	0	0	0
3266	0	0	0	0	4	75	0	0	0	0
3267	0	0	1	40	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	4	94	0	0	3	39	1	64
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	1	9	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	3	1185	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	6	656	0	0	0	0	0	0
3509	0	0	2	391	0	0	0	0	0	0
3510	0	0	0	0	7	98	1	12	0	0
3511	0	0	0	0	2	171	0	0	0	0
3512	0	0	0	0	1	100	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	3	41	0	0	0	0	0	0
3518	0	0	3	30	10	112	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	10	537	5	353	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	21	189	3	18	0	0	0	0
3532	2	20	3	41	0	0	0	0	0	0
3533	0	0	2	39	2	16	0	0	0	0
3538	0	0	0	0	4	34	0	0	0	0
3541	0	0	2	238	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	1	7	0	0	0	0
3546	0	0	3	268	16	338	6	33	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	59	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	3	46	0	0	0	0	0	0
3565	0	0	8	165	7	125	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	1	4	6	431	2	10	0	0	0	0
4000	18	551	11	423	370	852	30	15	0	0
5000	40	8	432	393	707	92	22	15	0	0
CUT MO.	61	583	545	6274	1157	3923	63	149	2	69
CUT YTD	406	2471	5114	46235	3954	41312	709	1776	77	884
1011	0	0	0	146	0	129	0	0	0	0
3568	0	0	5	110	19	465	0	0	0	0
3569	0	0	260	137	71	71	0	0	0	0
3571	0	0	1	210	0	0	0	0	0	0
3573	0	0	5	112	0	0	0	0	0	0
3575	0	0	6	50	5	31	0	0	0	0
3578	10	1177	3	97	2	31	0	0	0	0
3582	0	0	2	54	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	5	154	16	387	10	290	1	142	0	0
3588	0	0	0	0	8	352	1	66	0	0
3589	0	0	1	515	0	0	0	0	0	0
3590	0	0	3	553	30	371	2	13	0	0
3594	0	0	1	40	3	26	0	0	0	0
3595	0	0	0	0	3	55	1	14	0	0
3598	0	0	7	90	37	947	0	0	0	0
FRM MO.	15	1331	310	2500	188	2766	5	235	0	0
FRM YTD	133	2977	3731	29094	1436	21285	100	1246	16	502
TOT MO.	76	1915	855	8775	1345	6690	68	385	2	69
TOT YTD	539	5448	8845	75329	5390	62596	809	3022	93	1386

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	1	32	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	92	1	37	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	2	25	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	2	136	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	491
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	1	4	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	8	149	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	1	24
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	44	0	0
4000	0	0	0	0	7	528	5	37	0	0
5000	0	0	0	0	221	52	19	29	30	16
CUT MO.	8	149	1	92	231	753	29	171	32	532
CUT YTD	156	8834	197	1463	695	3133	281	1109	763	18556
1011	0	0	0	0	0	0	0	5	0	0
3568	0	0	0	0	81	2695	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	2	325	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	1	70
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	16	590	0	0	0	0	0	0	4	605
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	1	136	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	8	215
FRM MO.	19	1051	0	0	81	2695	0	5	13	891
FRM YTD	95	6081	27	650	167	5203	326	541	127	19034
TOT MO.	27	1201	1	92	312	3447	29	176	45	1422
TOT YTD	251	14915	224	2114	862	8336	607	1650	890	37590

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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	1	29	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	1	36
3528	0	0	0	0	0	0	0	0	1	288
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	6	862
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	2	1	13
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	1	43
3559	0	0	0	0	0	0	0	0	0	0
3565	1	26	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	18	0	0	0	0	0	0
4000	0	0	1	12	0	0	0	0	0	0
5000	23	11	0	0	11	7	27	13	1053	183
CUT MO.	24	37	3	58	11	7	28	15	1063	1425
CUT YTD	704	1626	178	2600	28	639	1766	1414	4205	21798
1011	0	0	0	0	0	0	0	0	0	8
3568	0	0	3	20	0	0	0	0	0	0
3569	16	7	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	5	513
3573	0	0	0	0	0	0	0	0	0	0
3575	5	77	0	0	0	0	0	0	4	350
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	1	80	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	2	11
3594	0	0	0	0	0	0	0	0	1	788
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	4	310
FRM MO.	21	84	3	20	0	0	1	80	16	1981
FRM YTD	44	966	12	820	1	437	11	389	203	20210
TOT MO.	45	121	6	78	11	7	29	95	1079	3405
TOT YTD	748	2592	190	3421	29	1076	1777	1803	4408	42008

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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	213	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	1	40	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	3	8
3264	0	0	0	0	0	0	0	0	3	1048
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	1	22
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	3	119	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	6	462
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	21
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	3	105
3516	0	0	0	0	0	0	0	0	0	0
3518	2	25	0	0	0	0	1	138	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	2	72	0	0	0	0	0	0	0	0
3528	2	329	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	1	112	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	8	828	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	2	356	0	0	0	0	1	11	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	3	116	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	1	5	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	1	121	0	0	0	0	0	0	0	0
4000	6	557	2	25	0	0	10	77	0	0
5000	95	78	0	0	37	28	174	124	54	7
CUT MO.	127	2965	2	25	38	33	186	350	71	1672
CUT YTD	1013	32450	281	1002	265	345	715	4539	497	6123
1011	0	0	0	0	0	12	0	0	0	623
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	1	2	7	6	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	3	52	1	21
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	1	47	0	0	0	0	0	0	2	358
3589	1	322	0	0	0	0	0	0	0	0
3590	6	1167	0	0	0	0	0	0	3	66
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	8	1537	0	0	1	14	10	59	6	1069
FRM YTD	329	32376	5	50	53	73	148	3755	41	3168
TOT MO.	135	4501	2	25	39	47	196	408	77	2741
TOT YTD	1342	64826	286	1052	318	418	863	8294	538	9291

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1987

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	1	409	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	1	7	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	1	89	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	56	2	32	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	3	4	1	13	5	120	0	0	0	0
5000	0	0	0	0	17	9	11	5	1	3
CUT MO.	4	413	2	68	26	257	11	5	1	3
CUT YTD	218	6755	401	1025	1433	4945	48	134	2	4
1011	0	0	0	11	0	38	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	2	2	7	4	0	0	0	0
3571	0	0	0	0	2	162	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	29	0	0	0	0	0	0
3578	1	102	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	2	91	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	2	19	0	0	0	0
FRM MO.	1	102	3	42	13	313	0	0	0	0
FRM YTD	52	3820	143	2116	301	3921	9	532	2	20
TOT MO.	5	515	5	110	39	570	11	5	1	3
TOT YTD	270	10575	544	3141	1734	8865	57	666	4	24

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1987

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	1	72	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	1	19	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	160	70	0	0
CUT MO.	1	19	161	143	0	0
CUT YTD	11	247	311	556	34	236
1011	0	0	0	20	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	2	20	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	0	0	2	40	0	0
FRM YTD	83	586	44	811	9	2977
TOT MO.	1	19	163	183	0	0
TOT YTD	94	833	355	1367	43	3213

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
SEPTEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	10	1177	10	1177
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	2	20	1	12	3	32
GIBRALTAR	0	0	0	0	0	0
GREECE	1	4	0	0	1	4
HUNGARY	18	551	0	0	18	551
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	8	3	4	143	12	146
PORTUGAL	0	0	0	0	0	0
ROMANIA	32	5	0	0	32	5
OTHER EUROPE	0	0	0	0	0	0
TOTAL	61	583	15	1331	76	1915
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	1	29	0	0	1	29
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	8	43	0	0	8	43
DOMINICAN REP.	30	15	1	14	31	29
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	7	34	0	0	7	34
HAITI	0	0	0	0	0	0
HONDURAS	1	12	0	0	1	12
JAMAICA	14	5	0	0	14	5
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	3	79	3	79
SALVADOR	1	2	1	142	2	145
TRINIDAD	1	8	0	0	1	8
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	63	149	5	235	68	385
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	14	103	0	0	14	103
ECUADOR	15	68	0	5	15	73
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	29	171	0	5	29	176
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	1	3	0	0	1	3
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	1	3	0	0	1	3

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
SEPTEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	3	30	3	30
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	2	68	0	3	2	71
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	8	0	8
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	2	68	3	42	5	110
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

2/9/88 A8050-3A

REPORT

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STATISTICAL
REPORT NO. 17-88
February 5, 1988

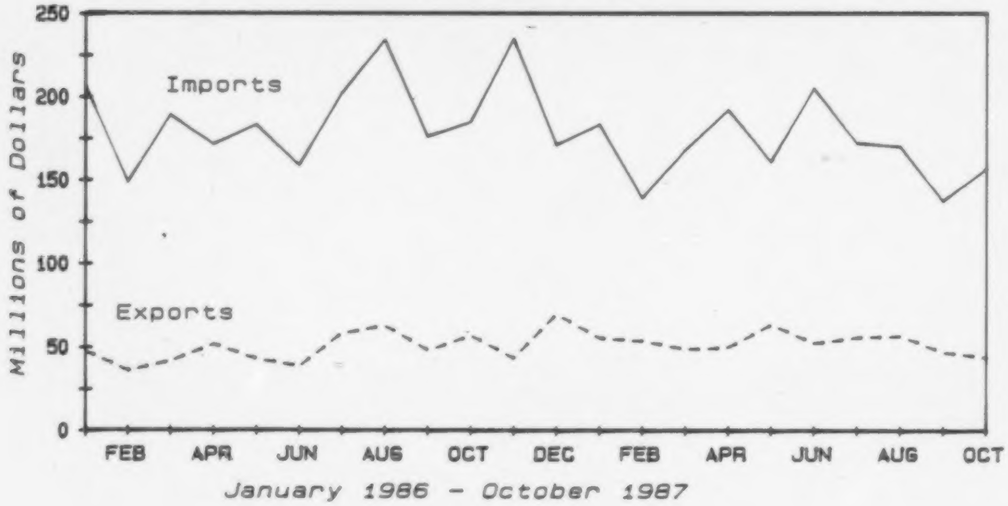
U.S. FOREIGN TRADE IN MACHINE TOOLS - OCTOBER 1987

During October of 1987, U.S. exports fell 7% and imports rose 14% from their September 1987 levels. However, when compared to the 1986 totals through October, machine tool exports of $520.9 million have increased 9% while imports have declined 9% to a level $1,678.2 million. U.S. foreign trade in machine tools during October of 1987 produced a trade defifict of $112.9 million, bringing the ten month total deficit to $1,157.3 million, down 16% from the same period last year.

U.S. Machine Tool Trade
($Millions)

	October 1987			Ten Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 27.9	$ 109.4	($ 81.5)	$ 309.0	$1,213.1	($ 904.1)
Metal Forming	$ 15.4	$ 46.8	($ 31.4)	$ 211.9	$ 465.1	($ 253.2)
Total	$ 43.3	$ 156.2	($ 112.9)	$ 520.9	$1,678.2	($1,157.3)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



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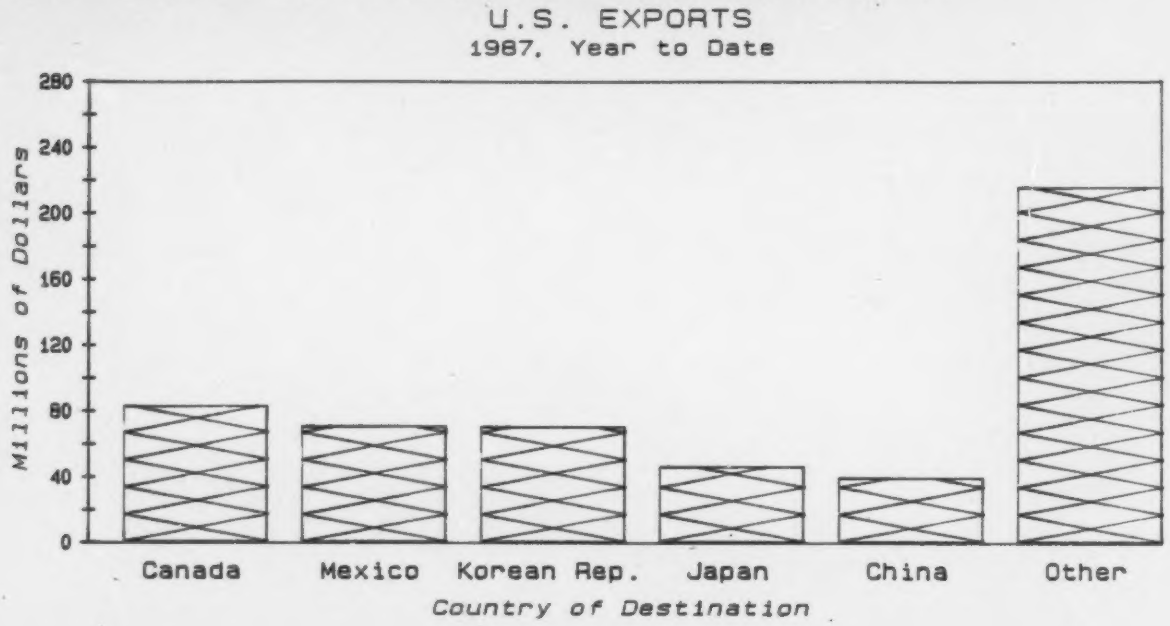
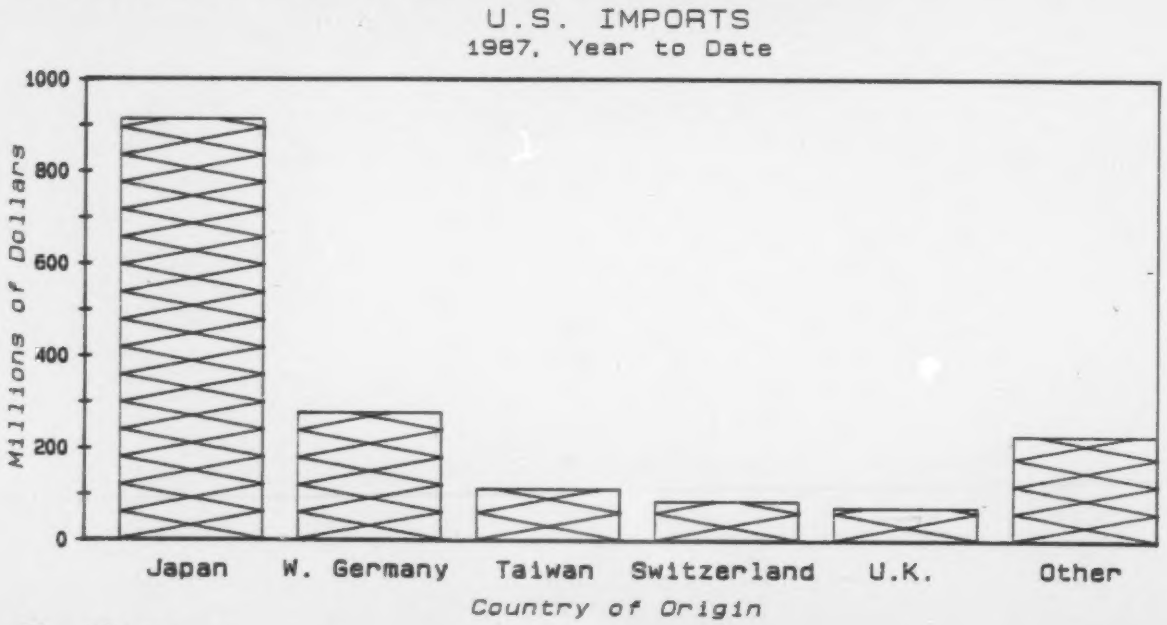
U.S. exports of metal cutting machine tools during October were 5% above their September level. Metal forming exports were 23% below the previous month's level. Compared to the first ten months of 1986, U.S. exports of metal cutting machinery rose 5%. Metal forming exports gained 16%. For January through October 1987, the leading export markets were (in millions): Canada ($82.2), Mexico ($70.0), Korean Republic ($69.7), Japan ($45.5) and China ($38.7).



U.S. imports of metal cutting machine tools in October were 3% above September's level but the ten month total for 1987 was 11% below the same period last year. October metal forming imports increased 52% from September although the year-to-date 1987 total stood 4% below the level registered in the first ten months of 1986. Leading exporters of machine tools to the U.S. during the first ten months of 1987 were (in millions): Japan ($911.0), West Germany ($275.7), Taiwan ($110.0), Switzerland ($83.8) and the United Kingdom ($70.4).



I1, I2, ES

SPECIAL ADDENDUM

Revision to U.S. Imports of Machine Tools

The U.S. Department of Commerce has notified us of a classification error in the April 1987 monthly totals.

Imports from Japan in TSUS code 674:3577 "Sawing & Cut-Off Machines, Non-NC" were originally reported as 2,018 units valued at $13,983,487. This should be changed to 16 units valued at $301,271.

Also, in April 1987, imports from Japan in TSUS code 674:3594 "Mechanical Presses, Non-NC" were originally reported at 13 units valued at $380,498. This should be changed to 14 units valued at $14,063,210.

Listed below are the changes which have been made to the year-to-date catagories, effective with the October 1987 report.

Catagories reduced by 2002 units valued at $13,682,712:

code 674:3577
Total Metal Cutting
Total Metal Cutting for Japan

Catagories increased by 1 unit valued at $13,682,712:

code 674:3594
Total Metal Forming
Total Metal Forming for Japan

These changes resulted in a reduction of 2001 units to the 1987 year-to-date total for all machine tools. There was no change to the dollar value.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1987

RELEASED: FEBRUARY 5, 1988

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	44	5050	14	1612
3045	Gear Cutting Machines, N.E.C.	82	22339	14	3039
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	27	1552	0	0
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	2	417	0	0
3209	Horizontal Machining Centers, ATC, NC	18	5342	2	440
3211	Machining Centers, NC, N.E.C.	138	11357	5	288
3216	Single Station and Multi-Station Transfer Machines	22	12735	1	327
3225	Way Type Machines (Unit Heads)	13	2245	1	37
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	8	1267	0	0
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	8	1119	3	539
3247	Vertical Boring-Drilling-Milling Machines, NC	11	992	1	96
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	45	1809	8	265
3254	Drilling Machines, NC	23	2359	0	0
3255	Drilling Machines, Multi-Spindle, Non-NC	34	2101	0	0
3256	Drilling Machines, Radial, Non-NC	39	394	0	0
3257	Drilling Machines, Upright, Single Spindle, Non-NC	12	239	0	0
3258	Drilling Machines, Non-NC, N.E.C.	162	3083	32	425
3264	Milling Machines, NC	53	12391	4	840
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	19	641	0	0
3267	Milling Machines, Knee Type, Non-NC	1	40	0	0
3268	Milling Machines, Bed Type, Non-NC	2	112	0	0
3269	Milling Machines, Non-NC, N.E.C.	132	3868	28	474
3276	Vertical Boring Machines, Incl. VTLs, NC	5	1331	1	217
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	129	9560	3	630
3281	Boring Machines, NC, N.E.C.	2	330	1	85
3283	Boring Machines, Non-NC, N.E.C.	55	4696	17	953
3503	Horizontal Lathes, Multi-Spindle, NC	9	1566	0	0
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	78	6704	7	767
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	19	2848	4	392
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	9	2188	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	64	1046	3	69
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	5	286	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	12	741	0	0
3515	Automatic Bar Machines, Single-Spindle, Non-NC	36	1254	5	43
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	31	1534	2	339
3518	Horizontal Lathes, Non-NC, N.E.C.	445	13449	49	829
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	6	1342	2	273
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	13	1367	7	431
3525	Vertical Lathes, Excl. VTLs, Non-NC	116	7201	13	434
3528	Grinding, Polishing, Honing & Lapping Machines, NC	155	27394	19	3619
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	20	2976	0	0
3531	Tool & Cutter Grinding Machines, Non-NC	197	6971	23	1154
3532	Honing & Lapping Machines, Non-NC	271	5039	30	382
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	107	1849	3	25
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	327	21351	18	825
3541	External Grinding Machines, Non-NC	25	1544	3	171
3542	Internal Grinding Machines, Non-NC	24	3982	1	177
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	149	8475	27	778
3546	Grinding Machines, Non-NC, N.E.C.	282	9020	31	250
3547	Traveling Wire Electrical Discharge Machines	14	182	0	0
3549	All Other Electrical Discharge Machines	116	2311	14	555
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	13	791	1	20
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	32	929	4	68
3559	Metal Cutting Machine Tools, NC, N.E.C.	65	4685	25	1676
3565	Sawing & Cut-Off Machines, Non-NC	386	5674	45	452
3566	Broaching Machines, Non-NC	6	206	1	103
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	139	6865	8	405
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	4984	36684	744	2295
5000	Metal Cutting Machine Tools, Less Than $2500**	24802	11574	1233	1073
	TOTAL CUTTING			2457	27880
	TOTAL CUTTING YTD	34058	308970		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	14286	0	1162
3568	Metal Forming Machine Tools, Used Or Rebuilt	652	15390	44	1046
3569	Metal Forming Machine Tools, Less Than $2500	6073	3545	534	282
3571	Punching & Shearing Machines, Incl. Combination, NC	59	6495	4	512
3573	Shearing Machines, Non-NC	71	3390	7	424
3575	Punching & Combination Punching & Shearing Machines, Non-NC	494	7992	63	599
3578	Bending, Folding, Straightening & Flattening Machines, NC	74	4917	7	634
3582	Press Brakes, Non-NC	27	786	2	147
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	14	1015	2	19
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	590	18566	102	2423
3588	Mechanical Presses	194	18005	18	1961
3589	Hydraulic Presses, Vertical, Single Action	49	6321	8	697
3590	Hydraulic & Pneumatic Presses	577	33595	46	873
3594	Headers & Upsetters, Non-NC	76	11416	9	736
3595	Forging Machines, Non-NC, N.E.C	145	4866	2	44
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	789	61273	103	3808
	TOTAL FORMING			951	15370
	TOTAL FORMING YTD	9884	211890		
	TOTAL ALL TYPES			3408	43250
	TOTAL ALL TYPES YTD	43942	520860		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	1	233	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	4	269	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	4	50	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	14	2705	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	1	25	0	0
3532	0	0	6	44	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	312	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	0	0
5000	0	0	58	80	0	0	1	2	0	0
CUT MO.	19	3066	68	393	0	0	3	259	0	0
CUT YTD	83	15675	597	10815	3	483	204	3775	35	415
1011	0	12	0	0	0	64	0	13	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	41	9	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	1	91
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	6	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	2	38	0	0
FRM MO	0	12	0	0	0	64	44	66	1	91
FRM YTD	16	261	237	720	9	253	162	3740	18	955
TOT MO.	19	3078	68	393	0	64	47	325	1	91
TOT YTD	99	15936	834	11535	12	736	366	7515	53	1370

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
574:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	4	442
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	3	254
3532	1	75	0	0	0	0	2	10	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	2
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	13	0	0	0	0	0	0
3565	1	16	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	24	60	0	0	0	0	0	0	0	0
5000	1	2	43	26	0	0	8	5	12	18
CUT MO.	27	152	44	39	0	0	10	15	20	717
CUT YTD	1169	4884	368	1537	32	3637	314	908	162	1640
1011	0	7	0	18	0	0	0	21	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	4	4
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	22	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	10	0	0	0	0	0	0	5	99
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	1	325	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	9	296	0	0	0	0	0	0	2	64
FRM MO.	11	335	0	18	1	325	0	21	11	167
FRM YTD	93	4537	78	2031	1	325	15	1060	41	2081
TOT MO.	38	487	44	57	1	325	10	36	31	883
TOT YTD	1262	9421	446	3568	33	3962	329	1967	203	3721

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1987

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	4	320	0	0
3045	0	0	1	109	0	0	2	292	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	1	50	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	1	105	0	0	1	105	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	1	19	0	0	2	25	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	2	9	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	72	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	2	20	0	0	4	43	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	15	153	0	0
3546	0	0	1	7	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	29	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	1	21	0	0	0	0	0	0	0	0
3559	8	1351	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	25	0	0	0	0	0	0
4000	10	46	4	135	0	0	0	0	0	0
5000	12	7	37	45	0	0	8	13	0	0
CUT MO.	31	1425	54	575	0	0	37	1000	0	0
CUT YTD	436	3416	3108	10634	3	196	932	17149	6	1299
1011	0	10	0	15	0	0	0	12	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	33	17	0	0	67	16	0	0
3571	0	0	2	208	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	3	0	0	7	31	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	4	33	0	0	11	436	2	45
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	8	0	0	4	24	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	20	0	0	2	10	0	0
FRM MO.	0	10	42	304	0	0	91	528	2	45
FRM YTD	23	1775	268	8447	36	1042	485	7436	6	177
TOT MO.	31	1435	96	879	0	0	128	1528	2	45
TOT YTD	459	5191	3376	19081	39	1238	1417	24584	12	1476

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	39	1	13	0	0	0	0
3045	0	0	5	1242	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	390	0	0	0	0	0	0
3211	0	0	2	132	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	1	37	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	1	96	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	1	7	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	12	211	18	161	0	0
3264	0	0	2	582	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	7	71	2	31	0	0
3276	0	0	1	217	0	0	0	0	0	0
3277	0	0	1	462	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	7	285	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	3	261	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	23	0	0	1	20	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	3	23	1	16	0	0	0	0
3516	0	0	0	0	2	339	0	0	0	0
3518	0	0	0	0	31	448	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	24	0	0	5	152	0	0	0	0
3528	0	0	0	0	1	67	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	6	46	4	777	0	0	0	0
3532	2	29	0	0	2	8	0	0	1	4
3533	0	0	3	25	0	0	0	0	0	0
3538	0	0	0	0	5	285	0	0	0	0
3541	0	0	2	86	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	1	28	0	0	0	0	0	0
3546	0	0	4	36	13	56	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	3	0	0	2	387	0	0	0	0
3551	0	0	1	20	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	1	11
3559	0	0	16	313	0	0	0	0	0	0
3565	0	0	8	101	15	134	0	0	0	0
3566	0	0	0	0	0	0	0	0	1	103
3567	0	0	2	13	3	11	0	0	0	0
4000	4	35	44	565	209	618	4	42	3	26
5000	17	12	368	335	104	104	9	7	0	0
CUT MO.	25	103	477	5041	425	4018	34	261	6	144
CUT YTD	431	2573	5591	51276	4379	45329	743	2037	83	1028
1011	0	85	0	88	0	223	0	10	0	0
3568	0	0	1	4	19	588	0	0	0	0
3569	10	2	282	135	54	64	14	12	0	0
3571	0	0	2	303	0	0	0	0	0	0
3573	0	0	2	145	2	8	1	3	0	0
3575	0	0	26	219	5	24	1	6	0	0
3578	0	0	1	24	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	2	19	0	0	0	0
3584	14	480	25	280	12	348	0	0	0	0
3588	0	0	0	0	5	646	0	0	0	0
3589	0	0	0	0	2	57	0	0	0	0
3590	0	0	2	19	31	400	1	10	0	0
3594	0	0	4	93	3	20	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	10	499	46	994	0	0	0	0
FRM MO.	24	567	355	1808	181	3391	17	41	0	0
FRM YTD	157	3544	4086	30902	1617	24676	117	1287	16	502
TOT MO.	49	669	832	6849	606	7409	51	302	6	144
TOT YTD	588	6117	9677	82178	5996	70005	860	3324	99	1529

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	4	295	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	22	1	98	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	6	252	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	2	53	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	7	176	1	7	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	1	82	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	5	590	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	1	182	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	4	31	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	5	181	0	0	2	251
3525	0	0	5	187	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	266
3529	0	0	0	0	0	0	0	0	0	0
3531	1	4	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	2	29	1	182
3546	0	0	0	0	0	0	6	107	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	1	22
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	43	106	3	85	357	361	4	8	0	0
5000	0	0	0	0	42	38	3	7	4	7
CUT MO.	47	345	15	545	416	883	26	1125	9	728
CUT YTD	203	9179	212	2008	1111	4017	307	2234	772	19283
1011	0	0	0	0	0	42	0	0	0	12
3568	0	0	1	21	1	54	0	0	19	182
3569	0	0	13	13	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	3	383	0	0	0	0	0	0	2	90
3582	0	0	0	0	0	0	0	0	1	143
3583	0	0	0	0	0	0	0	0	0	0
3584	2	80	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	1	32	0	0
3590	2	31	0	0	0	0	1	6	0	0
3594	1	298	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	2	326	1	15	1	13	0	0	0	0
FRM MO.	10	1118	15	48	2	109	2	38	22	426
FRM YTD	105	7199	42	699	169	5312	328	579	149	19460
TOT MO.	57	1463	30	593	418	992	28	1163	31	1153
TOT YTD	308	16378	254	2707	1280	9328	635	2813	921	38744

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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	518
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	1	327	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	1	330	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	1	6	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	10	58	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	1	85	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	2	316
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	26
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	3	239
3521	0	0	1	119	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	522
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	3	14
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	1	177	0	0	0	0
3544	2	136	0	0	0	0	1	15	1	99
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	2	16
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	1	29
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	2	38
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	4	52
5000	41	28	6	9	0	0	6	3	31	19
CUT MO.	43	164	9	464	12	320	8	345	52	1888
CUT YTD	747	1791	187	3064	40	959	1774	1759	4257	23686
1011	0	0	0	3	0	0	0	0	0	7
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	1	2
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	12	0	0	0	0	4	50
3578	0	0	0	0	0	0	0	0	1	137
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	10	0	0	0	0	1	4	16	393
3588	3	114	0	0	0	0	0	0	1	691
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	3	309
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	3	43	1	13	3	93	0	0	0	0
FRM MO.	7	167	2	28	3	93	1	4	26	1589
FRM YTD	51	1132	14	849	4	529	12	393	229	21799
TOT MO.	50	331	11	493	15	413	9	349	78	3476
TOT YTD	798	2923	201	3913	44	1489	1786	2152	4486	45485

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	4	945	0	0	0	0	0	0	0	0
3045	1	437	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	36	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	1	25	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	132	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	1	86
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	3	27	2	26	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	2	60
3529	0	0	0	0	0	0	0	0	0	0
3531	4	25	0	0	1	10	0	0	0	0
3532	5	90	0	0	0	0	0	0	2	26
3533	0	0	0	0	0	0	0	0	0	0
3538	8	136	0	0	0	0	2	24	2	69
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	4	136
3546	0	0	0	0	0	0	2	9	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	6	117	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	1	7	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	3	50	0	0	0	0	2	24	2	20
3566	0	0	0	0	0	0	0	0	0	0
3567	2	357	0	0	0	0	0	0	0	0
4000	2	47	10	25	0	0	1	29	1	6
5000	48	29	0	0	0	0	82	53	131	84
CUT MO.	86	2425	10	25	5	43	91	165	145	486
CUT YTD	1099	34876	291	1027	270	388	806	4704	642	6609
1011	0	0	0	0	0	0	0	60	0	353
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	2	22	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	4	184	0	0	0	0	0	0	3	15
3588	3	330	0	0	0	0	1	26	1	69
3589	4	581	0	0	0	0	0	0	0	0
3590	1	67	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	12	1263	0	0	0	0	1	7	0	0
FRM MO.	24	2425	0	0	0	0	4	114	4	437
FRM YTD	353	34800	5	50	53	73	152	3869	45	3605
TOT MO.	110	4850	10	25	5	43	95	279	149	923
TOT YTD	1452	69676	296	1077	323	461	958	8573	687	10214

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1987

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	2	35	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	1	4	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	1	154	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	1	14	2	20	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	1	85	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	5	34	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	9	41	2	6	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	15	41	0	0	2	10	0	0	0	0
5000	4	3	49	31	82	79	0	0	1	2
CUT MO.	28	85	54	290	94	182	0	0	1	2
CUT YTD	246	6840	455	1315	1527	5127	48	134	3	6
1011	0	0	0	22	0	51	0	19	0	0
3568	2	4	0	0	1	195	0	0	0	0
3569	0	0	2	5	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	2	268	0	0	0	0
3575	0	0	3	40	5	49	6	31	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	1	4	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	1	17	2	49	1	19	0	0	0	0
3589	0	0	0	0	0	0	1	28	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	2	44	0	0	0	0
3598	0	0	0	0	5	44	1	25	0	0
FRM MO.	4	25	7	115	16	669	8	103	0	0
FRM YTD	56	3844	150	2231	317	4590	17	634	2	20
TOT MO.	32	109	61	405	110	851	8	103	1	2
TOT YTD	302	10684	605	3546	1844	9717	65	769	5	26

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
OCTOBER 1987

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	1	131	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	16	20	9	6
CUT MO.	0	0	17	151	9	6
CUT YTD	11	247	328	707	43	241
1011	0	0	0	16	0	0
3568	0	0	0	0	0	0
3569	0	0	13	3	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	1	49	0	0
FRM MO.	0	0	14	68	0	0
FRM YTD	83	586	58	880	9	2977
TOT MO.	0	0	31	219	9	6
TOT YTD	94	833	386	1586	52	3218

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
OCTOBER 1987

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	0	0	6	383	6	383
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	12	24	15	43	27	67
GIBRALTAR	0	0	0	0	0	0
GREECE	1	3	0	72	1	75
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	1	24	0	0	1	24
NORWAY	8	22	0	0	8	22
PORTUGAL	3	30	3	69	6	99
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	25	103	24	567	49	669

OTHER NORTH AND CENTRAL AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	4	2	0	0	4	2
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	2	31	0	0	2	31
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	2	13	0	0	2	13
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	1	2	1	10	2	11
HAITI	0	0	14	12	14	12
HONDURAS	19	167	1	3	20	170
JAMAICA	3	2	0	0	3	2
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	2	26	0	0	2	26
PANAMA	1	20	0	0	1	20
SALVADOR	0	0	0	10	0	10
TRINIDAD	0	0	1	6	1	6
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	34	261	17	41	51	302

OTHER SOUTH AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BOLIVIA	0	0	0	0	0	0
CHILE	7	119	2	38	9	157
ECUADOR	7	302	0	0	7	302
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	6	107	0	0	6	107
PERU	5	590	0	0	5	590
SURINAM	1	7	0	0	1	7
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	26	1125	2	38	28	1163

OTHER OCEANIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	1	2	0	0	1	2
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	1	2	0	0	1	2

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
OCTOBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	6	21	2	5	8	26
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	2	239	0	0	2	239
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	46	30	5	111	51	141
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	54	290	7	115	61	405
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	9	6	0	0	9	6
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	9	6	0	0	9	6

SOURCE. U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1987

RELEASED: FEBRUARY 5, 1988

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3025	Gear Hobbers	78	12633	6	1014
3035	Gear Shapers	49	6062	1	128
3045	Gear Cutting Machines, N.E.C.	22	1497	3	220
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1348	113150	109	7991
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	183	16639	7	567
3409	Horizontal Machining Centers, ATC, NC	596	93632	82	12499
3411	Machining Centers, NC, N.E.C.	394	52017	29	6822
3412	Single Station and Multi-Station Transfer Machines	90	20154	9	4068
3413	Way Type Machines, (Unit Heads)	3	179	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	7	3130	1	539
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	99	16252	48	3240
3419	Vertical Boring-Drilling-Milling Machines, NC	158	12935	13	1381
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	28	1651	1	154
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	225	5008	103	666
3328	Drilling Machines, NC	131	6051	3	156
3329	Drilling Machines, Multi-Spindle, Non-NC	57	1811	2	176
3334	Drilling Machines, Radial, Non-NC	167	917	16	61
3336	Drilling Machines, Upright, Single Spindle, Non-NC	48	399	7	34
3342	Drilling Machines, Non-NC, N.E.C.	615	15038	39	640
3464	Milling Machines, NC	540	31917	27	3536
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	13	731	2	60
3467	Milling Machines, Knee Type, Non-NC	2488	14700	147	952
3468	Milling Machines, Bed Type, Non-NC	196	6020	9	71
3469	Milling Machines, Non-NC, N.E.C.	874	19369	69	2828
3476	Vertical Boring Machines, Incl. VTL's, NC	25	4558	5	908
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	83	2145	3	200
3481	Boring Machines, NC, N.E.C.	31	3424	5	694
3483	Boring Machines, Non-NC N.E.C.	288	13890	10	228
3504	Horizontal Lathes, Multi-Spindle, NC	93	8300	8	862
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2556	141494	197	12502
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	366	38226	28	4184
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	157	12767	5	63
3512	Horizontal Engine & Toolroom Lathes, Non-NC	2544	19634	194	1555
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	77	2889	0	0
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	35	5160	4	297
3515	Automatic Bar Machines, Single Spindle, Non-NC	49	2178	3	44
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	43	1810	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	185	2749	17	258
3505	Vertical Lathes, Multi-Spindle, NC	96	6496	5	615
3519	Vertical Lathes, NSPF, NC	209	20952	19	1709
3522	Vertical Lathes, Excl. VTL's, Non-NC	774	15309	59	609
3527	Gear Tooth Grinding & Finishing Machines	228	21884	7	1571
3528	Tool & Cutter Grinding Machines, NC	27	1472	0	0
3529	Tool & Cutter Grinding Machines, Non-NC	843	15964	81	1711
3533	Honing & Lapping Machines	241	9504	37	641
3539	Grinding Machines, Flat Surface, NC	44	4170	2	471
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	218	3945	39	535
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1753	20975	156	1609
3546	Grinding & Polishing Machines, NC, N.E.C.	123	23994	7	1580
3554	External Grinding Machines, Non-NC	227	8447	33	1526
3556	Internal Grinding Machines, Non-NC	20	1554	8	691
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	94	7107	19	301
3559	Grinding Machines, Non-NC, N.E.C.	1314	48183	110	4874
3562	Traveling Wire Electrical Discharge Machines	501	35020	44	3090
3564	All Other Electrical Discharge Machines	339	15376	36	2115
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	83	11270	6	769
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	122	6198	18	162
3576	Metal Cutting Machines Tools, NC, N.E.C.	99	69479	21	1206
3577	Sawing & Cut-Off Machines, Non-NC	1220	14661	131	1367
3578	Broaching Machines, Non-NC	37	1213	0	0
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1192	36682	134	4333
4000	Metal Cutting Machine Tools, Used or Rebuilt*	4197	17519	239	844
5000	Metal Cutting Machine Tools, Less Than $2500**	948808	84465	85868	7501
	TOTAL CUTTING			88291	109440
	TOTAL CUTTING YTD	977750	1213055		
674: METAL FORMING					
1010	Die Casting Machines	334	17584	20	884
3582	Metal Forming Machine Tools, Used or Rebuilt	476	5902	33	536
3583	Metal Forming Machine Tools, Less Than $2500	20899	7070	2823	889
3584	Punching and Shearing Machines, Incl. Combination, NC	275	37700	11	1261
3586	Shearing Machines, Non-NC	636	13511	50	715
3587	Punching & Combination Punching & Shearing Machines, Non-NC	506	7925	18	116
3588	Bending, Folding, Straightening & Flattening Machines, NC	179	13656	32	2586
3589	Press Brakes, Non-NC	570	14689	30	799
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	100	1470	13	130
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	916	21776	129	2161
3593	Metal Forming Machine Tools, NC, N.E.C.	111	22120	9	478
3594	Mechanical Presses, Non-NC	1017	87771	49	3977
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	230	41817	27	19922
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	521	107420	61	4545
3597	Headers & Upsetters, Non-NC	114	6012	8	549
3598	Forging Machines, Non-NC, N.E.C.	126	6643	17	538
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1301	52048	261	6700
	TOTAL FORMING			3591	46790
	TOTAL FORMING YTD	28311	465145		
	TOTAL ALL TYPES			91882	156230
	TOTAL ALL TYPES YTD	1006061	1678200		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	2	48
3464	0	0	0	0	0	0	1	159	0	0
3466	0	0	0	0	0	0	0	0	2	60
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	4	39
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	1	49	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	1	384	0	0
3522	17	183	0	0	0	0	0	0	4	44
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	13	63
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	7	29	0	0	0	0	0	0	6	77
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3555	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	2	69
3559	2	7	0	0	19	84	0	0	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	4	12	0	0	3	30
3578	0	0	0	0	0	0	0	0	0	0
3579	1	5	0	0	3	70	1	14	7	68
4000	0	0	0	0	0	0	0	0	4	36
5000	67	93	4	2	13	19	465	271	330	78
CUT MO.	94	316	5	51	39	184	468	828	377	611
CUT YTD	2001	7507	664	1241	2073	1296	6743	11120	5780	40251
1010	0	0	0	0	0	0	0	0	2	3
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	38	28	353	64
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	1	127	0	0	0	0	7	92
3587	0	0	0	0	0	0	0	0	9	52
3588	0	0	1	14	0	0	0	0	5	367
3589	0	0	4	210	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	0	0	0	0	9	434
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	2	516	0	0	0	0	3	10
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	1	54
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	1	3	0	0	1	140	8	116
FRM MO.	0	0	9	870	0	0	39	168	397	1193
FRM YTD	93	1198	443	7356	33	237	518	2990	2238	24913
TOT MO.	94	316	14	921	39	184	507	995	774	1804
TOT YTD	2094	8706	1107	8597	2106	1533	7261	14110	8018	65163

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1987

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	498
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	1	385
3412	0	0	0	0	0	0	0	0	4	862
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	1	502
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	0	0
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	53	298	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	28	102	3	475	1	14
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	1	63
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	2	1089
3510	0	0	0	0	0	0	0	0	2	20
3512	0	0	0	0	1	53	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	19
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	1	250	0	0
3522	0	0	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	1	26
3528	0	0	0	0	0	0	0	0	0	0
3529	2	17	0	0	3	230	0	0	7	194
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	1	5	1	110
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	9	645
3556	0	0	0	0	0	0	0	0	0	0
3558	12	121	0	0	0	0	0	0	1	33
3559	0	0	0	0	0	0	0	0	29	319
3562	0	0	0	0	0	0	0	0	15	1570
3564	0	0	0	0	0	0	0	0	6	697
3567	0	0	0	0	0	0	0	0	1	135
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	1	7	5	131	0	0
4000	0	0	0	0	2	22	2	11	7	83
5000	21	10	0	0	0	0	224	167	124	29
CUT MO.	35	148	0	0	88	712	236	1040	215	7294
CUT YTD	686	5612	105	362	1735	11892	1715	10617	7034	65468
1010	0	0	0	0	0	0	0	0	1	1
3582	0	0	0	0	0	0	0	0	0	0
3583	23	6	0	0	74	11	53	65	99	22
3584	0	0	0	0	0	0	0	0	3	547
3586	0	0	0	0	15	140	0	0	0	0
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	1	93	0	0
3591	0	0	0	0	0	0	6	87	0	0
3592	1	10	0	0	0	0	10	48	3	13
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	2	217	0	0
3596	0	0	0	0	0	0	0	0	2	29
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	6	62	0	0	0	0	0	0	11	2699
FRM MO.	30	79	0	0	89	151	72	510	119	3311
FRM YTD	156	2188	41	551	221	1427	1579	5686	874	18322
TOT MO.	65	227	0	0	177	863	308	1549	334	10605
TOT YTD	842	7800	146	913	1956	13319	3294	16303	7908	83789

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	2	333	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	3	220	0	0	0	0	0	0
3404	1	59	2	178	0	0	0	0	0	0
3406	2	162	0	0	0	0	0	0	0	0
3409	2	154	2	232	0	0	0	0	0	0
3411	0	0	5	4461	0	0	0	0	0	0
3412	0	0	4	2904	0	0	1	302	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	2	1350	0	0	0	0	0	0
3419	0	0	12	879	0	0	0	0	0	0
3422	0	0	1	154	0	0	0	0	0	0
3423	2	12	1	4	0	0	2	6	2	13
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	1	171	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	1	4	0	0	0	0	0	0
3342	5	202	2	144	0	0	1	4	1	51
3464	3	96	1	388	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	4	1529	0	0	2	11	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	3	64	0	0	2	63	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	4	153	1	253	0	0	0	0	0	0
3508	0	0	1	154	0	0	0	0	0	0
3510	0	0	3	42	0	0	0	0	0	0
3512	52	478	0	0	0	0	0	0	7	141
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	3	44	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	137	0	0	0	0	0	0	14	53
3505	0	0	1	339	0	0	0	0	0	0
3519	0	0	5	169	0	0	0	0	0	0
3522	1	68	2	88	0	0	1	4	29	135
3527	0	0	1	1515	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	8	122	26	524	0	0	3	81	0	0
3533	9	116	3	192	0	0	0	0	0	0
3539	2	471	0	0	0	0	0	0	0	0
3541	1	20	0	0	0	0	0	0	0	0
3543	0	0	7	196	0	0	8	23	0	0
3546	2	1245	3	110	0	0	0	0	0	0
3554	0	0	5	159	0	0	0	0	0	0
3556	0	0	5	552	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	17	1435	0	0	0	0	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	4	11	1	45	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	12	112	6	50	0	0	0	0	0	0
3576	2	29	9	675	0	0	0	0	0	0
3577	5	16	47	501	0	0	28	361	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	7	41	13	1100	0	0	57	1370	0	0
4000	63	218	10	171	0	0	4	12	0	0
5000	409	309	419	182	0	0	435	138	0	0
CUT MO.	597	4229	634	21510	0	0	544	2375	53	391
CUT YTD	8596	55902	63049	223939	349	3604	5822	17209	277	1679
1010	0	0	6	14	0	0	5	9	0	0
3582	11	112	10	194	0	0	3	24	0	0
3583	46	26	359	199	0	0	9	12	0	0
3584	0	0	0	0	0	0	0	0	0	0
3586	14	129	0	0	0	0	5	76	0	0
3587	1	10	3	20	0	0	3	11	0	0
3588	1	96	4	357	0	0	0	0	0	0
3589	2	97	0	0	0	0	9	178	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	3	207	10	41	0	0	37	432	0	0
3593	0	0	8	455	0	0	0	0	0	0
3594	0	0	2	40	0	0	1	61	0	0
3595	0	0	4	192	0	0	0	0	0	0
3596	1	134	8	370	1	12	8	150	0	0
3597	0	0	1	67	0	0	0	0	0	0
3598	2	8	12	265	0	0	0	0	0	0
3599	7	93	15	786	0	0	30	1251	0	0
FRM MO.	88	912	442	2998	1	12	110	2204	0	0
FRM YTD	1292	14500	4122	51796	1	12	1677	22120	1	15
TOT MO.	685	5141	1076	24509	1	12	654	4578	53	391
TOT YTD	9888	70401	67171	275735	350	3616	7499	39329	278	1694

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	2	154	0	0	0	0
3035	0	0	0	0	1	128	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	92	7086	0	0	0	0
3406	0	0	0	0	1	99	0	0	0	0
3409	1	139	0	0	76	11834	1	141	0	0
3411	0	0	0	0	23	1976	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	1	539	0	0	0	0
3418	0	0	0	0	46	1891	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	2	480	0	0	0	0
3328	0	0	0	0	1	47	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	9	23	0	0	1	13	0	0	0	0
3464	0	0	0	0	13	2650	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	8	365	0	0	0	0
3476	0	0	0	0	3	790	0	0	0	0
3477	0	0	0	0	3	200	0	0	0	0
3481	0	0	0	0	5	694	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	1	173	0	0	7	689	0	0	0	0
3506	0	0	0	0	181	11565	10	488	0	0
3508	0	0	0	0	24	2908	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	1	13	0	0	0	0	30	197	6	51
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	4	297	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	4	277	0	0	0	0
3519	0	0	0	0	12	907	0	0	0	0
3522	2	12	0	0	2	14	0	0	0	0
3527	0	0	0	0	5	30	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	16	404	0	0	0	0
3533	0	0	0	0	7	251	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	1	36	0	0	37	479
3543	0	0	0	0	32	514	0	0	0	0
3546	0	0	0	0	2	225	0	0	0	0
3554	4	17	0	0	8	611	0	0	0	0
3556	0	0	0	0	3	138	0	0	0	0
3558	1	11	0	0	1	52	0	0	0	0
3559	2	12	1	66	36	2882	0	0	2	44
3562	0	0	0	0	24	1469	0	0	0	0
3564	0	0	0	0	16	1248	0	0	0	0
3567	0	0	0	0	5	634	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	10	502	0	0	0	0
3577	0	0	0	0	5	251	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	1	30	1	66	28	1322	0	0	1	68
4000	3	9	0	0	6	50	0	0	0	0
5000	714	85	4	5	2469	618	63	69	1228	713
CUT MO.	739	523	6	137	3186	56838	104	894	1274	1354
CUT YTD	4969	3081	32	1088	61834	615494	1136	12045	3000	6760
1010	0	0	0	0	6	856	0	0	0	0
3582	0	0	0	0	8	199	0	0	0	0
3583	0	0	0	0	672	184	0	0	0	0
3584	0	0	0	0	8	714	0	0	0	0
3586	0	0	0	0	4	114	0	0	4	38
3587	0	0	0	0	0	0	1	3	0	0
3588	0	0	0	0	21	1753	0	0	0	0
3589	0	0	0	0	3	156	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	51	883	0	0	0	0
3593	0	0	0	0	1	23	0	0	0	0
3594	0	0	0	0	39	3324	0	0	2	26
3595	0	0	0	0	13	19406	0	0	7	97
3596	0	0	0	0	38	3782	2	17	0	0
3597	0	0	0	0	6	428	0	0	0	0
3598	0	0	0	0	3	265	0	0	0	0
3599	0	0	3	121	176	1367	0	0	0	0
FRM MO.	0	0	3	121	1049	33453	3	20	13	161
FRM YTD	196	9	111	1820	6504	295515	69	248	126	1466
TOT MO.	739	523	9	258	4235	90291	107	914	1287	1515
TOT YTD	5165	3089	143	2908	68338	911009	1205	12294	3126	8226

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
OCTOBER 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	1	29
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	14	669	0	0	0	0
3406	4	305	0	0	0	0
3409	0	0	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	0	0
3423	94	151	0	0	0	0
3328	2	109	0	0	0	0
3329	1	4	0	0	0	0
3334	16	61	0	0	0	0
3336	6	30	0	0	0	0
3342	17	152	0	0	1	5
3464	9	243	0	0	0	0
3466	0	0	0	0	0	0
3467	94	654	0	0	0	0
3468	9	71	0	0	0	0
3469	20	125	0	0	3	207
3476	2	118	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	1	43	0	0	0	0
3508	1	34	0	0	0	0
3510	0	0	0	0	0	0
3512	91	552	0	0	6	70
3513	0	0	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	0	0	0	0	1	63
3527	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	15	88	1	52	0	0
3533	5	19	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	92	633	0	0	2	22
3546	0	0	0	0	0	0
3554	7	94	0	0	0	0
3556	0	0	0	0	0	0
3558	2	14	0	0	0	0
3559	0	0	0	0	2	27
3562	0	0	5	51	0	0
3564	9	114	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	39	196	0	0	0	0
3578	0	0	0	0	0	0
3579	8	41	0	0	0	0
4000	136	213	1	9	1	11
5000	63258	4239	15	20	15606	456
CUT MO.	63952	8973	22	132	15623	889
CUT YTD	724992	106881	147	805	75011	9101
1010	0	0	0	0	0	0
3582	1	9	0	0	0	0
3583	1057	196	0	0	40	77
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	1	20	0	0	0	0
3588	0	0	0	0	0	0
3589	10	37	0	0	1	28
3591	7	43	0	0	0	0
3592	2	6	2	53	1	32
3593	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	1	11	0	0	0	0
3596	1	51	0	0	0	0
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	0	0	0	0	3	63
FRM MO.	1080	373	2	53	45	200
FRM YTD	7485	3132	45	348	486	9264
TOT MO.	65032	9345	24	185	15668	1089
TOT YTD	732477	110014	192	1153	75497	18365

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
OCTOBER 1987

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	2	4	0	0	2	4
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	2	22	0	0	2	22
EAST GERMANY	5	65	0	0	5	65
FINLAND	1	63	0	0	1	63
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	1	32	1	32
HUNGARY	0	0	1	5	1	5
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	2	5	1	51	3	56
POLAND	6	70	0	0	6	70
ROMANIA	1	181	0	0	1	181
USSR	1	5	0	0	1	5
OTHER EUROPE	0	0	0	0	0	0
TOTAL	20	415	3	87	23	502

OTHER NORTH AND CENTRAL AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	15379	464	42	112	15421	576
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	15379	464	42	112	15421	576

OTHER SOUTH AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ARGENTINA	0	0	0	0	0	0
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

OTHER OCEANIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
OCTOBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	6	8	0	0	6	8
INDIA	218	3	0	0	218	3
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	224	11	0	0	224	11
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S.-W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

3/4/88 A8050-34

REPORT

national machine tool builders'

STATISTICAL

REPORT NO. 26-88
February 26, 1988

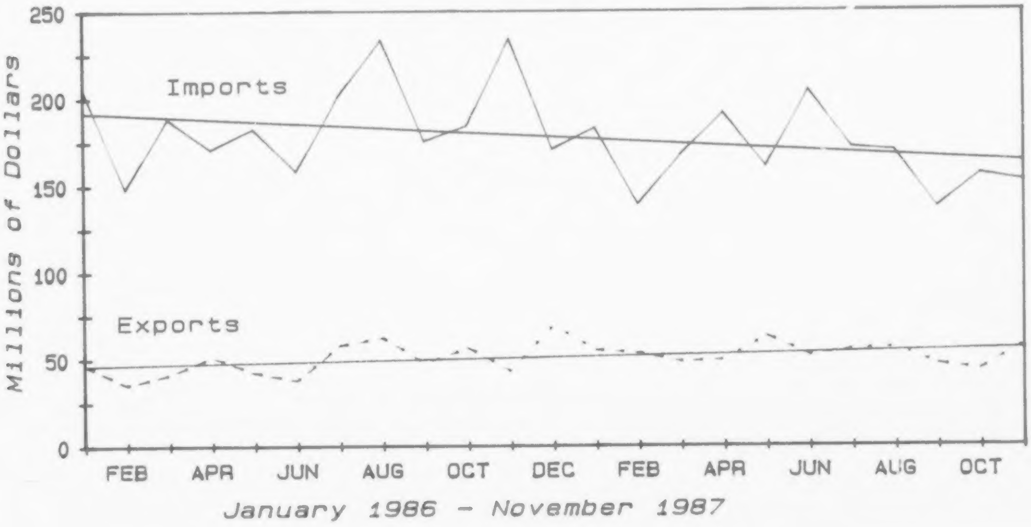
U.S. FOREIGN TRADE IN MACHINE TOOLS - NOVEMBER 1987

During November of 1987, U.S. exports of machine tools rose 33% from their October 1987 level, resulting in a year-to-date total of $578.4 million. This represents an increase of 11% over the same period last year. U.S. imports fell from $156.2 million in October to $151.9 million in November of 1987. Compared to the first eleven months of 1986, U.S. imports declined 12% to a level of $1,830.1 million in 1987. U.S. foreign trade in machine tools during November of 1987 produced a trade deficit of $94.3 million, bringing the year-to-date total deficit to $1,251.7 million, down 20% from the same period last year.

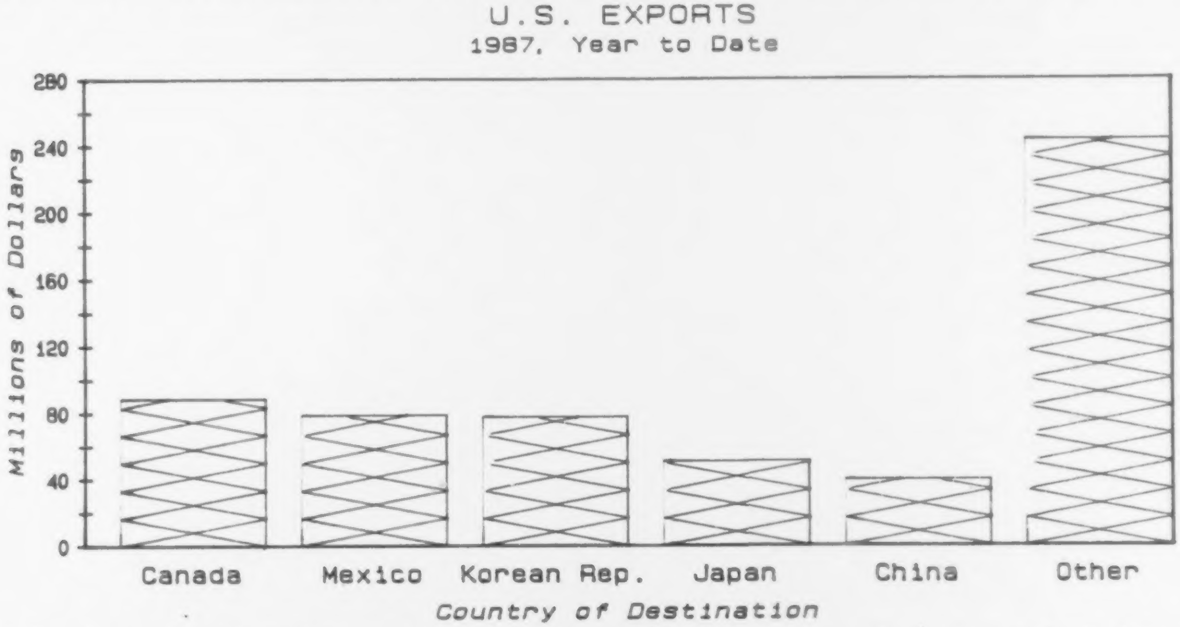
U.S. Machine Tool Trade
($Millions)

	November 1987			Eleven Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 33.8	$ 105.0	($ 71.2)	$ 342.8	$1,318.1	($ 975.3)
Metal Forming	$ 23.8	$ 46.8	($ 23.0)	$ 235.7	$ 512.0	($ 276.3)
Total	$ 57.6	$ 151.9	($ 94.3)	$ 578.4	$1,830.1	($1,251.7)

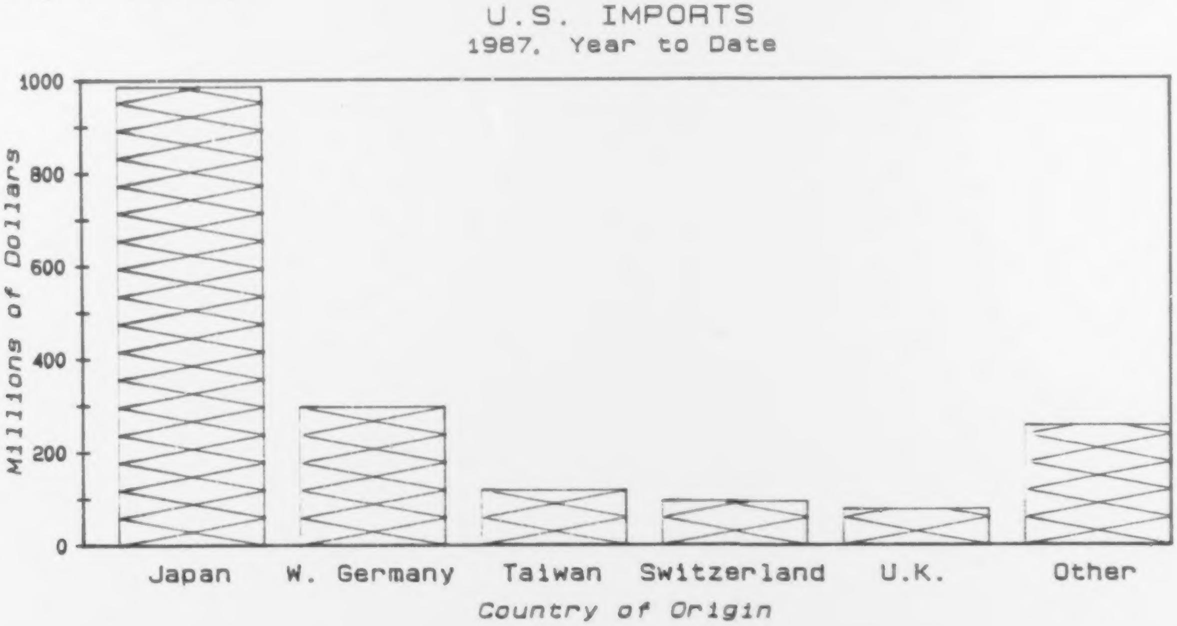
U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



Compared to October, U.S. exports of metal cutting machine tools increased 21% in November. This brought the eleven month total for 1987 to 6% above last year's level. While exports of metal forming machines rose 55% from October, the year-to-date total was 19% above the first eleven months of 1986. For January through November 1987, the leading export markets were (in millions): Canada ($88.7), Mexico ($78.7), Korean Republic ($77.6), Japan ($50.7) and China ($39.5).



U.S. imports of metal cutting machine tools in November were 4% below October's level. Metal forming imports equaled last month's total of $46.8 million. Compared to the first eleven months of 1986, imports of metal cutting machinery declined 14% and metal forming imports fell 6%. The leading exporters of machine tools to the U.S. during the first eleven months of 1987 were (in millions): Japan ($986.1), West Germany ($297.5), Taiwan ($118.1), Switzerland ($94.0) and the United Kingdom ($77.0).



I1, I2, ES

U S IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1987

RELEASED: FEBRUARY 26, 1988

		TOTAL YTD		TOTAL MO	
674	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	80	13095	2	462
3035	Gear Shapers	49	6062	0	0
3045	Gear Cutting Machines, N E C	30	2156	8	659
3404	Vertical Mach Ctrs ATC, NC, Y-Axis Travel 26" or Less	1433	119391	85	6240
3406	Vertical Mach. Ctrs ATC, NC, Y-Axis Travel Over 26"	189	17298	6	659
3409	Horizontal Machining Centers, ATC, NC	650	101844	54	8213
3411	Machining Centers, NC, N E C	437	53227	43	1210
3412	Single Station and Multi-Station Transfer Machines	99	22077	9	1922
3413	Way Type Machines, (Unit Heads)	3	179	0	0
3417	Horiz Boring-Drilling-Milling Machines, Table Type, NC	8	3354	1	224
3418	Horiz Boring-Drilling-Milling Machines, NC, N E C	102	17406	3	1154
3419	Vertical Boring-Drilling-Milling Machines, NC	159	13415	1	480
3422	Horiz Boring-Drilling-Milling Machines, Non-NC	34	2627	6	976
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	229	5611	4	603
3328	Drilling Machines, NC	138	6209	7	158
3329	Drilling Machines, Multi-Spindle, Non-NC	68	1874	11	63
3334	Drilling Machines, Radial, Non-NC	175	971	8	53
3336	Drilling Machines, Upright, Single Spindle, Non-NC	52	452	4	53
3342	Drilling Machines, Non-NC, N E C.	684	16475	69	1437
3464	Milling Machines, NC	589	39144	49	7227
3466	Milling Machines, Profiling, Dupl & Die Sinking, Non-NC	13	731	0	0
3467	Milling Machines, Knee Type, Non-NC	2627	15680	139	980
3468	Milling Machines, Bed Type, Non-NC	207	6302	11	283
3469	Milling Machines, Non-NC, N E C	960	20183	86	813
3476	Vertical Boring Machines, Incl VTL's, NC	26	5408	1	850
3477	Vertical Boring Machines, Incl VTL's, Non-NC	88	2395	5	250
3481	Boring Machines, NC, N E C.	37	4254	6	830
3483	Boring Machines, Non-NC N E C.	310	19107	22	5218
3504	Horizontal Lathes, Multi-Spindle, NC	104	9773	11	1474
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2755	155195	199	13701
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	393	41347	27	3121
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	157	12767	0	0
3512	Horizontal Engine & Toolroom Lathes, Non-NC	2770	21417	226	1783
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	78	2993	1	104
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	37	5170	2	10
3515	Automatic Bar Machines, Single Spindle, Non-NC	50	2229	1	51
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	44	1819	1	9
3518	Horizontal Lathes, Non-NC, N E C.	189	2805	4	56
3505	Vertical Lathes, Multi-Spindle, NC	101	7387	5	891
3519	Vertical Lathes, NSPF, NC	213	21142	4	190
3522	Vertical Lathes, Excl VTL's, Non-NC	873	18577	99	3268
3527	Gear Tooth Grinding & Finishing Machines	303	23658	75	1774
3528	Tool & Cutter Grinding Machines, NC	32	1589	5	117
3529	Tool & Cutter Grinding Machines, Non-NC	956	17734	113	1770
3533	Honing & Lapping Machines	266	10061	25	558
3539	Grinding Machines, Flat Surface, NC	45	4280	1	110
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	237	4114	19	168
3543	Grinding Machines, Flat Surface, Non-NC, N E C.	1866	23677	113	2702
3546	Grinding & Polishing Machines, NC, N E C	134	26941	11	2948
3554	External Grinding Machines, Non-NC	241	9436	14	990
3556	Internal Grinding Machines, Non-NC	23	2158	3	604
3558	Grinding, Polishing & Buffing Machines, Non-NC, N E C.	101	7810	7	703
3559	Grinding Machines, Non-NC, N E C	1417	51169	103	2987
3562	Traveling Wire Electrical Discharge Machines	544	38664	43	3644
3564	All Other Electrical Discharge Machines	361	17105	22	1730
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	105	14011	22	2741
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	144	7516	22	1318
3576	Metal Cutting Machines Tools, NC, N E C.	109	69892	10	413
3577	Sawing & Cut-Off Machines, Non-NC	1375	16111	155	1450
3578	Broaching Machines, Non-NC	60	2669	23	1456
3579	Metal Cutting Machine Tools, Non-NC, N E C.	1295	39033	103	2351
4000	Metal Cutting Machine Tools, Used or Rebuilt*	4370	18678	173	1159
5000	Metal Cutting Machine Tools, Less Than $2500**	1040041	92136	91233	7671
	TOTAL CUTTING			93515	105048
	TOTAL CUTTING YTD	1071265	1318103		
674	METAL FORMING				
1010	Die Casting Machines	392	18710	58	1126
3582	Metal Forming Machine Tools, Used or Rebuilt	500	6321	24	420
3583	Metal Forming Machine Tools, Less Than $2500	23963	8012	3064	942
3584	Punching and Shearing Machines, Incl Combination, NC	300	39348	25	1648
3586	Shearing Machines, Non-NC	673	14048	37	537
3587	Punching & Combination Punching & Shearing Machines, Non-NC	552	8487	46	562
3588	Bending, Folding, Straightening & Flattening Machines, NC	206	15090	27	1434
3589	Press Brakes, Non-NC	610	15945	40	1256
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	123	1668	23	198
3592	Bending, Folding, Str & Flattening Machines, Non-NC, N E C.	1005	23071	89	1295
3593	Metal Forming Machine Tools, NC, N E C.	112	22177	1	56
3594	Mechanical Presses, Non-NC	1230	104356	213	16584
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	241	42133	11	316
3596	Hydraulic & Pneumatic Presses, Non-NC, N E C	551	115702	30	8282
3597	Headers & Upsetters, Non-NC	117	6172	3	161
3598	Forging Machines, Non-NC, N E C.	145	12317	19	5674
3599	Metal Forming Machine Tools, Non-NC, N E C.	1548	58365	247	6317
	TOTAL FORMING			3957	46812
	TOTAL FORMING YTD	32268	511957		
	TOTAL ALL TYPES			97472	151860
	TOTAL ALL TYPES YTD	1103533	1830060		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3100, 3462, 3473, 3503, 3526, & 3574

U S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	1	68	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	1	87	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	2	867
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	1	12	0	0
3464	0	0	0	0	0	0	1	575	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	1	5	0	0	0	0	1	9	21	84
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	1	4
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	7	104
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	2	192	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	7	93	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	53	538	0	0	0	0	1	39	3	27
3527	59	278	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	5	117
3529	0	0	0	0	0	0	1	3	0	0
3533	0	0	0	0	0	0	0	0	12	58
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	17	132
3543	0	0	0	0	0	0	0	0	1	241
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	2	73
3559	2	14	0	0	19	107	1	14	13	900
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	6	37	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	1	15	6	16	24	134
3578	0	0	0	0	0	0	0	0	0	0
3579	5	58	0	0	0	0	1	16	0	0
4000	0	0	1	4	0	0	0	0	7	101
5000	332	272	0	0	18	16	426	170	1054	275
CUT MO	459	1259	1	4	38	137	449	1239	1169	3117
CUT YTD	2460	8766	665	1245	2111	1433	7192	12358	6949	43368
1010	0	0	0	0	0	0	0	0	5	209
3582	0	0	0	0	0	0	0	0	0	0
3583	49	5	1	2	0	0	8	1	508	109
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	0	0	0	0	0	0	10	142
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	8	361	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	1	3
3592	0	0	2	14	0	0	0	0	14	445
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	8	27
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	2	33	0	0	0	0	2	18
3597	0	0	0	0	0	0	0	0	0	0
3598	3	5022	0	0	0	0	0	0	8	38
3599	7	20	0	0	5	97	1	117	5	83
FRM MO	59	5047	13	410	5	97	9	118	561	1074
FRM YTD	152	6245	456	7766	38	333	527	3108	2799	25987
TOT MO	518	6306	14	414	43	234	458	1357	1730	4191
TOT YTD	2612	15012	1121	9011	2149	1767	7719	15466	9748	69355

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1987

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	277
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	3	207	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	1	167	6	878
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	1	750
3419	0	0	0	0	0	0	0	0	1	480
3422	0	0	0	0	0	0	0	0	2	36
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	1	7
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	22	72	0	0	3	705
3464	0	0	0	0	0	0	0	0	10	1325
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	81	618	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	1	464
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	1	61	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	1	51
3516	0	0	0	0	1	9	0	0	0	0
3518	0	0	0	0	0	0	1	4	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	1	8	0	0	7	1479
3527	0	0	0	0	0	0	0	0	4	359
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	4	38
3533	0	0	0	0	0	0	2	11	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	3	253	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	4	310	2	87
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	1	231
3559	4	132	0	0	0	0	1	3	3	254
3562	0	0	0	0	0	0	0	0	7	829
3564	0	0	0	0	0	0	0	0	7	595
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	0	0	2	67
3578	0	0	0	0	0	0	0	0	0	0
3579	6	177	0	0	0	0	1	3	2	131
4000	0	0	0	0	1	9	0	0	2	18
5000	0	0	0	0	0	0	119	51	468	56
CUT MO	10	309	0	0	110	1030	132	756	536	9116
CUT YTD	696	5921	105	362	1845	12922	1847	11373	7570	74583
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	6	272
3583	0	0	0	0	109	80	174	49	20	9
3584	0	0	0	0	0	0	0	0	4	545
3586	0	0	0	0	0	0	0	0	0	0
3587	0	0	0	0	18	151	8	88	1	78
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	2	15	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	1	54	0	0	0	0	7	99	13	91
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	2	321	1	13
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	5	38	0	0	4	368	0	0	5	98
FRM MO	6	92	2	15	131	600	191	556	50	1106
FRM YTD	162	2280	43	566	352	2027	1770	6243	924	19428
TOT MO	16	401	2	15	241	1629	323	1312	586	10222
TOT YTD	858	8201	148	928	2197	14948	3617	17615	8494	94011

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRA/IL	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	7	648	0	0	0	0	0	0
3404	7	337	0	0	0	0	0	0	0	0
3406	2	191	0	0	0	0	0	0	0	0
3409	2	176	0	0	0	0	0	0	0	0
3411	0	0	2	230	0	0	0	0	0	0
3412	1	101	1	776	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	1	224	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	1	20	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	1	7	0	0	0	0	0	0
3342	5	171	4	155	0	0	1	40	14	120
3464	10	496	0	0	0	0	1	7	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	9	305	0	0	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	1	133	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	1	142	1	3815	0	0	2	23	0	0
3504	0	0	0	0	0	0	1	10	0	0
3506	0	0	7	1168	0	0	0	0	0	0
3508	0	0	4	602	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	76	599	0	0	0	0	0	0	27	227
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	1	3	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	3	52	0	0	0	0	0	0	0	0
3505	0	0	1	556	0	0	0	0	0	0
3519	0	0	0	0	0	0	2	38	0	0
3522	19	247	11	781.	0	0	0	0	0	0
3527	0	0	4	1070	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	13	174	75	811	0	0	4	29	0	0
3533	2	54	6	365	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	23	535	6	41	1	16	0	0
3546	1	126	4	1410	0	0	0	0	0	0
3554	0	0	4	262	0	0	0	0	0	0
3556	0	0	2	538	0	0	0	0	0	0
3558	1	18	0	0	0	0	0	0	0	0
3559	9	98	9	501	0	0	6	24	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	3	1089	0	0	0	0	0	0
3571	4	36	0	0	0	0	0	0	0	0
3576	0	0	2	162	0	0	0	0	0	0
3577	0	0	30	205	6	15	17	205	0	0
3578	22	1452	1	3	0	0	0	0	0	0
3579	6	157	23	371	0	0	17	168	0	0
4000	43	87	17	218	0	0	29	275	0	0
5000	1916	591	1526	367	40	56	361	176	0	0
CUT MO	2153	5742	1770	16684	52	112	443	1234	41	347
CUT YTD	10749	61644	64819	240623	401	3716	6265	18443	318	2026
1010	12	79	24	241	0	0	17	598	0	0
3582	1	12	1	6	0	0	11	87	0	0
3583	5	9	252	68	0	0	11	15	0	0
3584	0	0	10	208	0	0	0	0	0	0
3586	6	98	1	9	0	0	6	82	0	0
3587	0	0	16	145	0	0	0	0	0	0
3588	0	0	8	706	0	0	0	0	0	0
3589	0	0	4	74	0	0	13	438	0	0
3591	2	100	0	0	0	0	0	0	0	0
3592	0	0	6	196	0	0	27	246	0	0
3593	0	0	1	56	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	10	4918
3595	0	0	3	169	0	0	2	49	0	0
3596	1	5	2	137	0	0	3	1631	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	581	0	0	2	17	0	0
3599	21	592	104	2499	0	0	31	657	0	0
FRM MO	48	895	433	5094	0	0	123	3820	10	4918
FRM YTD	1340	15395	4555	56891	1	12	1800	25940	11	4933
TOT MO	2201	6637	2203	21779	52	112	566	5054	51	5265
TOT YTD	12089	77039	69374	297514	402	3728	8065	44383	329	6959

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP		SINGAPORE	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	1	185	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	74	5424	0	0	0	0
3406	0	0	0	0	4	468	0	0	0	0
3409	0	0	1	81	47	7662	0	0	0	0
3411	0	0	0	0	38	697	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	2	404	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	4	603	0	0	0	0
3328	0	0	0	0	3	131	0	0	0	0
3329	0	0	0	0	10	57	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	3	46	0	0	0	0
3342	0	0	0	0	10	132	0	0	0	0
3464	0	0	0	0	12	4051	1	118	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	1	51	0	0	0	0
3469	10	44	0	0	4	178	0	0	0	0
3476	0	0	0	0	1	850	0	0	0	0
3477	0	0	0	0	0	0	2	93	0	0
3481	0	0	0	0	3	663	0	0	0	0
3483	0	0	0	0	7	637	0	0	0	0
3504	0	0	0	0	10	1464	0	0	0	0
3506	0	0	0	0	181	11871	8	409	0	0
3508	0	0	0	0	22	2445	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	26	165	15	128
3513	0	0	0	0	1	104	0	0	0	0
3514	1	7	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	4	335	0	0	0	0
3519	0	0	0	0	2	152	0	0	0	0
3522	0	0	0	0	2	104	0	0	0	0
3527	0	0	0	0	1	34	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	7	649	0	0	0	0
3533	0	0	0	0	3	70	0	0	0	0
3539	0	0	0	0	1	110	0	0	0	0
3541	0	0	0	0	0	0	0	0	2	36
3543	0	0	0	0	50	1399	0	0	0	0
3546	0	0	0	0	6	1413	0	0	0	0
3554	0	0	0	0	3	325	0	0	0	0
3556	0	0	0	0	1	46	0	0	0	0
3558	0	0	0	0	3	381	0	0	0	0
3559	0	0	0	0	13	808	0	0	3	34
3562	0	0	0	0	31	2792	0	0	0	0
3564	0	0	0	0	11	1071	0	0	0	0
3567	0	0	0	0	10	1510	0	0	0	0
3571	0	0	0	0	12	1245	0	0	0	0
3576	0	0	0	0	8	251	0	0	0	0
3577	0	0	1	44	18	576	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	40	1264	0	0	0	0
4000	0	0	0	0	23	298	0	0	0	0
5000	3	6	0	0	4089	689	0	0	4	8
CUT MO	14	57	2	126	4776	53644	37	784	24	206
CUT YTD	4983	3138	34	1213	66610	669138	1173	12830	3024	6966
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	3	25	0	0	0	0
3583	0	0	0	0	343	331	0	0	0	0
3584	0	0	0	0	11	894	0	0	0	0
3586	0	0	0	0	5	124	0	0	8	76
3587	0	0	0	0	3	100	0	0	0	0
3588	0	0	0	0	19	728	0	0	0	0
3589	0	0	0	0	10	334	0	0	1	19
3591	0	0	0	0	0	0	0	0	1	7
3592	0	0	0	0	9	101	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	192	11194	0	0	0	0
3595	0	0	0	0	0	0	0	0	5	90
3596	0	0	0	0	13	6084	0	0	1	7
3597	0	0	1	20	2	141	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	3	135	35	1361	16	55	0	0
FRM MO	0	0	4	155	645	21416	16	55	16	200
FRM YTD	196	9	115	1976	7149	316931	85	304	142	1666
TOT MO	14	57	6	281	5421	75060	53	840	40	406
TOT YTD	5179	3146	149	3189	73759	986069	1258	13133	3166	8632

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	1	11
3404	3	411	0	0	0	0
3406	0	0	0	0	0	0
3409	0	0	0	0	0	0
3411	1	126	0	0	2	158
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	1	52	0	0	0	0
3423	0	0	0	0	0	0
3328	4	28	0	0	0	0
3329	0	0	0	0	0	0
3334	6	44	0	0	2	9
3336	0	0	0	0	0	0
3342	9	31	0	0	0	0
3464	14	656	0	0	0	0
3466	0	0	0	0	0	0
3467	55	323	0	0	3	38
3468	10	232	0	0	0	0
3469	37	174	0	0	3	14
3476	0	0	0	0	0	0
3477	1	19	0	0	0	0
3481	3	167	0	0	0	0
3483	0	0	0	0	3	33
3504	0	0	0	0	0	0
3506	0	0	0	0	1	61
3508	1	74	0	0	0	0
3510	0	0	0	0	0	0
3512	63	354	0	0	11	156
3513	0	0	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	0	0	0	0	2	43
3527	7	34	0	0	0	0
3528	0	0	0	0	0	0
3529	9	67	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	27	194	1	15	1	9
3546	0	0	0	0	0	0
3554	1	6	0	0	0	0
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	20	98	0	0	0	0
3562	0	0	5	23	0	0
3564	4	64	0	0	0	0
3567	0	0	9	141	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	50	173	0	0	0	0
3578	0	0	0	0	0	0
3579	2	8	0	0	0	0
4000	47	138	0	0	3	12
5000	63336	4351	45	28	17496	560
CUT MO.	63711	7821	60	208	17528	1105
CUT YTD	788703	114702	207	1013	92539	10206
1010	0	0	0	0	0	0
3582	0	0	0	0	2	18
3583	1538	194	0	0	46	70
3584	0	0	0	0	0	0
3586	1	5	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	2	15	0	0	0	0
3591	0	0	0	0	19	89
3592	10	49	0	0	0	0
3593	0	0	0	0	0	0
3594	0	0	0	0	3	446
3595	0	0	0	0	1	8
3596	0	0	3	32	0	0
3597	0	0	0	0	0	0
3598	0	0	0	0	5	16
3599	2	43	2	64	1	90
FRM MO.	1553	306	5	97	77	735
FRM YTD	9038	3439	50	444	563	10000
TOT MO.	65264	8127	65	305	17605	1840
TOT YTD	797741	118141	257	1458	93102	20205

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
NOVEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	7	52	0	0	7	52
EAST GERMANY	3	38	1	8	4	46
FINLAND	0	0	2	18	2	18
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	1	12	13	5	14	17
POLAND	11	184	0	0	11	184
ROMANIA	0	0	0	0	0	0
USSR	1	3	0	0	1	3
OTHER EUROPE	0	0	0	0	0	0
TOTAL	23	289	16	31	39	320
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	3	4	0	0	3	4
DOMINICAN REP	2	158	0	0	2	158
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS	0	0	0	0	0	0
MEXICO	17427	545	20	130	17447	675
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	17432	708	20	130	17452	838
OTHER SOUTH AMERICA						
ARGENTINA	0	0	0	0	0	0
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA,	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
NOVEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	0	0	5	16	5	16
INDIA	10	43	0	0	10	43
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	1	61	0	0	1	61
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	60	3	0	0	60	3
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	71	107	5	16	76	122
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	2	1	36	559	38	561
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	2	1	36	559	38	561

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

RELEASED FEBRUARY 26, 1988

		TOTAL YTD		TOTAL MO	
674	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	48	5889	4	839
3045	Gear Cutting Machines, N.E.C	96	26594	14	4255
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	29	1734	2	182
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	3	538	1	122
3209	Horizontal Machining Centers, ATC, NC	20	5608	2	266
3211	Machining Centers, NC, N.E.C.	141	11659	3	301
3216	Single Station and Multi-Station Transfer Machines	23	14550	1	1815
3225	Way Type Machines (Unit Heads)	13	2245	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	10	1890	2	623
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	9	1224	1	105
3247	Vertical Boring-Drilling-Milling Machines, NC	11	992	0	0
3248	Horiz. Boring-Drilling-Milling Machines, Ncn-NC	15	1508	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	64	2132	19	323
3254	Drilling Machines, NC	26	2645	3	286
3255	Drilling Machines, Multi-Spindle, Non-NC	46	2489	12	388
3256	Drilling Machines, Radial, Non-NC	39	394	0	0
3257	Drilling Machines, Upright, Single Spindle, Non-NC	12	239	0	0
3258	Drilling Machines, Non-NC, N.E.C.	186	3680	24	598
3264	Milling Machines, NC	62	16892	9	4501
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	19	641	0	0
3267	Milling Machines, Knee Type, Non-NC	2	66	1	26
3268	Milling Machines, Bed Type, Non-NC	2	112	0	0
3269	Milling Machines, Non-NC, N.E.C	206	4608	74	740
3276	Vertical Boring Machines, Incl. VTLs, NC	5	1331	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	129	9560	0	0
3281	Boring Machines, NC, N.E.C.	4	926	2	596
3283	Boring Machines, Non-NC, N.E.C.	65	4836	10	141
3503	Horizontal Lathes, Multi-Spindle, NC	10	1658	1	92
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	84	7257	6	553
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	22	3083	3	235
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	11	2532	2	344
3510	Horizontal Engine & Toolroom Lathes, Non-NC	67	1100	3	54
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	7	586	2	300
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	18	1936	6	1195
3515	Automatic Bar Machines, Single-Spindle, Non-NC	38	1284	2	30
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	41	1710	10	177
3518	Horizontal Lathes, Non-NC, N.E.C.	468	14362	23	913
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	6	1342	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	14	1401	1	35
3525	Vertical Lathes, Excl. VTLs, Non-NC	124	7895	8	694
3528	Grinding, Polishing, Honing & Lapping Machines, NC	179	29362	24	1969
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	24	3526	4	550
3531	Tool & Cutter Grinding Machines, Non-NC	216	7272	19	301
3532	Honing & Lapping Machines, Non-NC	292	5245	21	205
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	111	1891	4	43
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	335	21596	8	244
3541	External Grinding Machines, Non-NC	30	2218	5	674
3542	Internal Grinding Machines, Non-NC	24	3982	0	0
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	172	9431	23	956
3546	Grinding Machines, Non-NC, N.E.C.	323	9834	41	814
3547	Traveling Wire Electrical Discharge Machines	15	194	1	12
3549	All Other Electrical Discharge Machines	121	2426	5	115
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	14	844	1	53
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	39	1621	7	692
3559	Metal Cutting Machine Tools, NC, N.E.C.	70	4900	5	216
3565	Sawing & Cut-Off Machines, Non-NC	435	6504	49	830
3566	Broaching Machines, Non-NC	13	383	7	177
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	151	7886	12	1021
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	5395	39761	411	3077
5000	Metal Cutting Machine Tools, Less Than $2500**	26173	12677	1371	1103
	TOTAL CUTTING			2269	33784
	TOTAL CUTTING YTD	36327	342754		
674	METAL FORMING				
1011	Die Casting Machines & Parts	0	16787	0	2501
3568	Metal Forming Machine Tools, Used Or Rebuilt	683	18516	31	3126
3569	Metal Forming Machine Tools, Less Than $2500	6636	3910	563	365
3571	Punching & Shearing Machines, Incl. Combination, NC	66	7490	7	994
3573	Shearing Machines, Non-NC	78	3514	7	125
3575	Punching & Combination Punching & Shearing Machines, Non-NC	541	9299	47	1307
3578	Bending, Folding, Straightening & Flattening Machines, NC	77	4988	3	70
3582	Press Brakes, Non-NC	34	1190	7	404
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	15	1035	1	20
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	668	21442	78	2877
3588	Mechanical Presses	225	20189	31	2184
3589	Hydraulic Presses, Vertical, Single Action	52	6520	3	199
3590	Hydraulic & Pneumatic Presses	671	36129	94	2534
3594	Headers & Upsetters, Non-NC	80	11974	4	558
3595	Forging Machines, Non-NC, N.E.C.	157	5215	12	349
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	915	67430	126	6157
	TOTAL FORMING			1014	23774
	TOTAL FORMING YTD	10898	235664		
	TOTAL ALL TYPES			3283	57558
	TOTAL ALL TYPES YTD	47225	578418		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674. 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674. 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	2	182	0	0	0	0	0	0
3206	0	0	1	122	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	7	25	0	0
3264	0	0	0	0	0	0	1	61	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	1	296	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	2	147	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	12	783	0	0	4	245	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	0	0
5000	0	0	79	43	0	0	0	0	0	0
CUT MO	12	783	84	494	4	245	9	382	0	0
CUT YTD	95	16458	681	11309	7	728	213	4157	35	415
1011	0	0	0	3	0	0	0	901	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	93	17	1	2
3571	0	0	0	0	0	0	2	352	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	8	258
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	382	1	33	4	416	3	84
3588	0	0	0	0	0	0	1	215	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	1	8	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	2	10	0	0
FRM MO	0	0	1	385	1	33	103	1919	12	343
FRM YTD	16	261	238	1105	10	286	265	5658	30	1299
TOT MO	12	783	85	879	5	278	112	2301	12	343
TOT YTD	111	16719	919	12414	17	1014	478	9816	65	1713

U S EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	3	769	0	0	0	0	0	0	0	0
3045	3	1491	0	0	0	0	0	0	2	289
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	1	121	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	58	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	241	0	0	0	0	0	0	0	0
3528	1	238	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	3	134	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	2	8	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	3	92	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	13	204	0	0	0	0	0	0	0	0
5000	0	0	0	0	0	0	7	6	22	34
CUT MO	28	3290	0	0	0	0	10	73	24	323
CUT YTD	1197	8174	368	1537	32	3637	324	980	186	1963
1011	0	5	0	34	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	45	9	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	4	123	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	6	0	0	3	260	12	143
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	91	1	142	0	0	0	0	0	0
3594	1	229	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	3	83	0	0	0	0	1	700
FRM MO	6	449	50	274	0	0	3	260	13	843
FRM YTD	99	4986	128	2305	1	325	18	1319	54	2923
TOT MO	34	3739	50	274	0	0	13	332	37	1165
TOT YTD	1296	13160	496	3842	33	3962	342	2300	240	4886

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	70	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	2	165	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	50	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	1	219	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	1	45	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	1	25	0	0	0	0	0	0
3518	0	0	1	14	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	1	239	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	1	4	0	0	2	18	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	1	123	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	6	77	8	98	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	1	53	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	143	0	0	0	0	0	0
3565	0	0	1	4	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	3	6	8	213	0	-0	61	13	0	0
5000	1	2	92	75	0	0	163	118	0	0
CUT MO	4	8	107	766	6	77	241	923	0	0
CUT YTD	440	3424	3215	11401	9	273	1173	18072	6	1299
1011	0	5	0	106	0	0	0	48	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	9	8	0	0	38	14	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	9	243	0	0	1	23	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	4	93	0	0	5	99	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	7	0	0	2	162	0	0
3594	0	0	0	0	0	0	1	315	0	0
3595	0	0	1	5	0	0	0	0	0	0
3598	0	0	1	25	0	0	3	52	0	0
FRM MO	0	5	25	487	0	0	50	713	0	0
FRM YTD	23	1780	293	8934	36	1042	535	8149	6	177
TOT MO	4	13	132	1254	6	77	291	1636	0	0
TOT YTD	463	5204	3508	20334	45	1315	1708	26221	12	1476

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	OTH EUROPE		CANADA		MEXICO		OTH N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	1	77	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	166	0	0	0	0	0	0
3211	0	0	0	0	1	22	0	0	1	77
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	1	105	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	17	300	1	9	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	2	132	13	332	0	0	0	0
3264	0	0	0	0	2	286	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	1	26	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	9	209	2	46	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	1	300	0	0	0	0	0	0
3283	0	0	0	0	10	141	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	3	337	0	0	0	0	1	70
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	1	125	0	0	0	0	0	0
3510	0	0	2	28	0	0	0	0	0	0
3511	0	0	2	300	0	0	0	0	0	0
3512	0	0	0	0	2	241	0	0	0	0
3515	0	0	1	4	0	0	0	0	0	0
3516	0	0	9	152	0	0	0	0	0	0
3518	0	0	1	9	10	156	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	1	35	0	0	0	0	0	0
3525	0	0	1	134	4	68	0	0	0	0
3528	0	0	1	246	0	0	0	0	0	0
3529	0	0	2	25	1	8	0	0	0	0
3531	0	0	13	113	1	45	0	0	0	0
3532	1	8	1	12	2	30	0	0	0	0
3533	0	0	1	6	0	0	0	0	0	0
3538	0	0	0	0	3	59	0	0	0	0
3541	0	0	4	134	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	3	285	0	0	0	0
3546	0	0	18	154	11	71	0	0	0	0
3547	1	12	0	0	0	0	0	0	0	0
3549	0	0	0	0	1	6	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	1	16	0	0
3559	0	0	3	60	1	13	0	0	0	0
3565	0	0	10	99	19	165	2	7	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	6	288	4	680	1	37	0	0
4000	0	0	50	429	196	1155	5	4	3	79
5000	0	0	535	411	136	83	8	12	0	0
CUT MO	2	21	688	4128	431	4138	19	121	5	226
CUT YTD	433	2594	6279	55403	4810	49467	762	2158	88	1254
1011	0	9	0	350	0	247	0	6	0	0
3568	0	0	1	2	22	342	1	50	0	0
3569	0	0	293	213	44	69	5	5	0	0
3571	1	173	2	221	0	0	0	0	0	0
3573	0	0	1	3	0	0	0	0	0	0
3575	0	0	1	262	3	22	1	7	0	0
3578	1	15	0	0	0	0	0	0	0	0
3582	0	0	4	194	1	36	0	0	0	0
3583	0	0	0	0	0	0	1	20	0	0
3584	5	271	13	452	5	61	4	43	0	0
3588	0	0	0	0	4	41	2	43	1	200
3589	0	0	0	0	2	153	0	0	0	0
3590	0	0	2	54	33	470	2	34	0	0
3594	0	0	2	14	0	0	0	0	0	0
3595	0	0	0	0	7	53	2	15	0	0
3598	0	0	9	663	66	3036	0	0	0	0
FRM MO	7	468	328	2428	187	4531	18	220	1	200
FRM YTD	164	4012	4414	33330	1804	29207	135	1507	17	702
TOT MO	9	489	1016	6555	618	8669	37	342	6	427
TOT YTD	597	6606	10693	88734	6614	78674	897	3666	105	1956

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	BRAZIL		COLOMBIA		VENEZUELA		OTH S AM		CHINA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	3	540	0	0	2	306
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	100	0	0	0	0	0	0
3211	1	202	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	2	623	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	6	200	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	6	4155	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	58	360	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	25
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	4	12	0	0	1	3	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	2	13	0	0	0	0	0	0	2	23
3533	0	0	0	0	0	0	0	0	3	37
3538	0	0	0	0	2	16	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	194
3546	0	0	0	0	0	0	2	44	1	17
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	1	19	0	0	1	20
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	97	4	5	1	6	2	15	11	27
5000	0	0	0	0	2	3	11	14	0	0
CUT MO	12	5089	9	116	73	1144	16	76	22	648
CUT YTD	215	14268	221	2125	1184	5161	323	2310	794	19932
1011	0	11	0	0	0	6	0	4	0	0
3568	0	0	2	34	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	4	0	0	6	58	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	1	49	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	2	325	0	0	0	0
3588	0	0	1	22	0	0	0	0	2	51
3589	0	0	0	0	0	0	0	0	0	0
3590	1	10	0	0	11	1051	0	0	1	16
3594	0	0	0	0	0	0	0	0	0	0
3595	1	26	0	0	0	0	0	0	0	0
3598	0	0	0	0	19	309	0	0	0	0
FRM MO	3	50	4	105	38	1749	0	4	3	67
FRM YTD	108	7249	46	804	207	7061	328	583	152	19528
TOT MO	15	5139	13	222	111	2893	16	81	25	716
TOT YTD	323	21517	267	2929	1391	12222	651	2893	946	39459

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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	2	53	0	0	0	0	0	0	3	72
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	1	92
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	3	235
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	3	909	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	521
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	137	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	5	218
3529	0	0	0	0	0	0	0	0	1	518
3531	0	0	0	0	0	0	0	0	1	3
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	187	0	0	0	0	0	0	3	111
3546	0	0	0	0	0	0	0	0	2	55
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	3	646
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	1	62	0	0	7	362
3566	0	0	0	0	0	0	4	85	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	22	95
5000	20	22	10	9	4	2	9	11	28	2
CUT MO	24	398	13	918	5	64	13	96	80	2929
CUT YTD	771	2189	200	3982	45	1023	1787	1854	4337	26615
1011	0	6	0	32	0	0	0	0	0	5
3568	0	0	0	0	0	0	0	0	1	107
3569	1	2	0	0	0	0	0	0	9	8
3571	1	179	0	0	0	0	0	0	1	69
3573	0	0	0	0	0	0	0	0	4	93
3575	0	0	2	31	0	0	0	0	4	50
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	1	24
3588	1	60	0	0	0	0	0	0	4	751
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	34	353
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	251
3598	1	20	0	0	0	0	0	0	5	534
FRM MO	4	266	2	63	0	0	0	0	64	2244
FRM YTD	55	1399	16	912	4	529	12	393	293	24043
TOT MO	28	665	15	981	5	64	13	96	144	5173
TOT YTD	826	3587	216	4894	49	1553	1799	2248	4630	50658

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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674.	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	3	1552	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	1	1815	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	6	188	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	11	0	0	0	0	3	31	1	157
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	115	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	1	18	0	0	1	8	0	0	4	45
3533	0	0	0	0	0	0	0	0	0	0
3538	2	46	0	0	0	0	0	0	0	0
3541	1	540	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	5	0	0
3546	0	0	0	0	0	0	1	64	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	4	109	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	3	30	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	4	72	0	0	3	22	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	88	0	0	0	0	7	49	1	7
5000	14	10	13	9	73	94	16	14	11	7
CUT MO.	32	4383	17	80	77	132	35	293	17	216
CUT YTD	1131	39259	308	1107	347	520	841	4997	659	6825
1011	0	62	0	0	0	0	0	0	0	476
3568	4	2590	0	0	0	0	0	0	0	0
3569	12	9	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	2	28	0	0	0	0	0	0	0	0
3575	5	210	0	0	0	0	0	0	1	7
3578	2	55	0	0	0	0	0	0	0	0
3582	1	124	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	5	12	156
3588	1	303	0	0	0	0	11	450	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	26	0	0	0	0	1	9	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	3	85	0	0	0	0	0	0	0	0
FRM MO.	31	3491	0	0	0	0	13	464	13	639
FRM YTD	384	38292	5	50	53	73	165	4333	58	4244
TOT MO	63	7875	17	80	77	132	48	757	30	855
TOT YTD	1515	77551	313	1157	400	593	1006	9329	717	11069

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	1	14	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	1	26	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	1	6	0	0	0	0
3532	0	0	0	0	1	4	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	6	408	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	17	0	0	0	0
4000	3	294	6	28	4	82	0	0	1	20
5000	29	20	25	14	33	35	5	7	0	0
CUT MO	32	314	37	450	41	169	6	21	1	20
CUT YTD	278	7154	492	1765	1568	5296	54	155	4	26
1011	0	0	0	8	0	131	0	19	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	2	2	11	9	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	1	8	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	1	25	0	0	0	0
3588	0	0	3	48	0	0	0	0	0	0
3589	0	0	0	0	1	46	0	0	0	0
3590	0	0	0	0	2	102	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	327	2	166	1	10	0	0
FRM MO	0	0	6	384	18	488	1	29	0	0
FRM YTD	56	3844	156	2615	335	5077	18	664	2	20
TOT MO	32	314	43	835	59	657	7	50	1	20
TOT YTD	334	10998	648	4381	1903	10374	72	819	6	46

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	EGYPT		REP. S. AFR		OTH. AFRICA	
674	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	1	13	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	3	26	4	136	0	0
5000	0	0	25	49	0	0
CUT MO	3	26	30	197	0	0
CUT YTD	14	272	358	904	43	241
1011	0	0	0	28	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	9	137	0	0
FRM MO	0	0	9	165	0	0
FRM YTD	83	586	67	1044	9	2977
TOT MO	3	26	39	362	0	0
TOT YTD	97	858	425	1949	52	3218

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
NOVEMBER 1987

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	0	0	4	220	4	220
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	1	12	2	67	3	79
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	1	8	1	182	2	190
PORTUGAL	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	2	21	7	468	9	489

OTHER NORTH AND CENTRAL AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	0	0	1	20	1	20
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	1	7	1	7
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	5	50	0	0	5	50
DOMINICAN REP	3	2	2	15	5	17
FR W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	3	95	3	95
HAITI	0	0	0	0	0	0
HONDURAS	2	40	4	43	6	82
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	3	17	5	5	8	22
SALVADOR	6	12	0	4	6	16
TRINIDAD	0	0	2	34	2	34
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	19	121	18	220	37	342

OTHER SOUTH AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BOLIVIA	0	0	0	0	0	0
CHILE	10	63	0	0	10	63
ECUADOR	2	5	0	4	2	9
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	4	9	0	0	4	9
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	16	76	0	4	16	81

OTHER OCEANIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	1	20	0	0	1	20
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	1	20	0	0	1	20

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
NOVEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	18	416	2	2	20	417
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	8	0	8
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	19	35	4	375	23	409
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	37	450	6	384	43	835
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING

3/28/88 A 8050-3

REPORT

machine
tool builders

STATISTICAL

No. 44-88 March 25, 1988

U.S. FOREIGN TRADE IN MACHINE TOOLS - 1987

Significant improvement was achieved in the machine tool trade deficit in 1987, which stood at $1,345.0 million for the year. This represents a 19% decline from 1986's deficit of $1661.5 million. The reduction in the trade deficit was due to improvement in both imports and exports. Imports declined by 11% from their 1986 total of $2,251.8 million and exports increased by 10% from their 1986 level of $590.3 million.

U.S. Machine Tool Trade
($Millions)

	4th Quarter 1987			Annual 1987		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$102.5	$332.3	($229.8)	$383.5	$1,435.9	($1,052.4)
Metal Forming	$ 70.4	$141.1	($ 70.7)	$266.9	$ 559.5	($ 292.6)
Total	$172.8	$473.4	($300.6)	$650.4	$1,995.4	($1,345.0)

EXPORTS

U.S. exports of metal cutting machinery increased 3 percentage points from last year to $383.5 million. Metal forming exports of machine tools jumped 22% to $266.9 million.

All regions in the export market displayed increases over last year except for Europe which fell 4%. The leading regional market is Asia, up 16% from 1986 to $238.8 million.

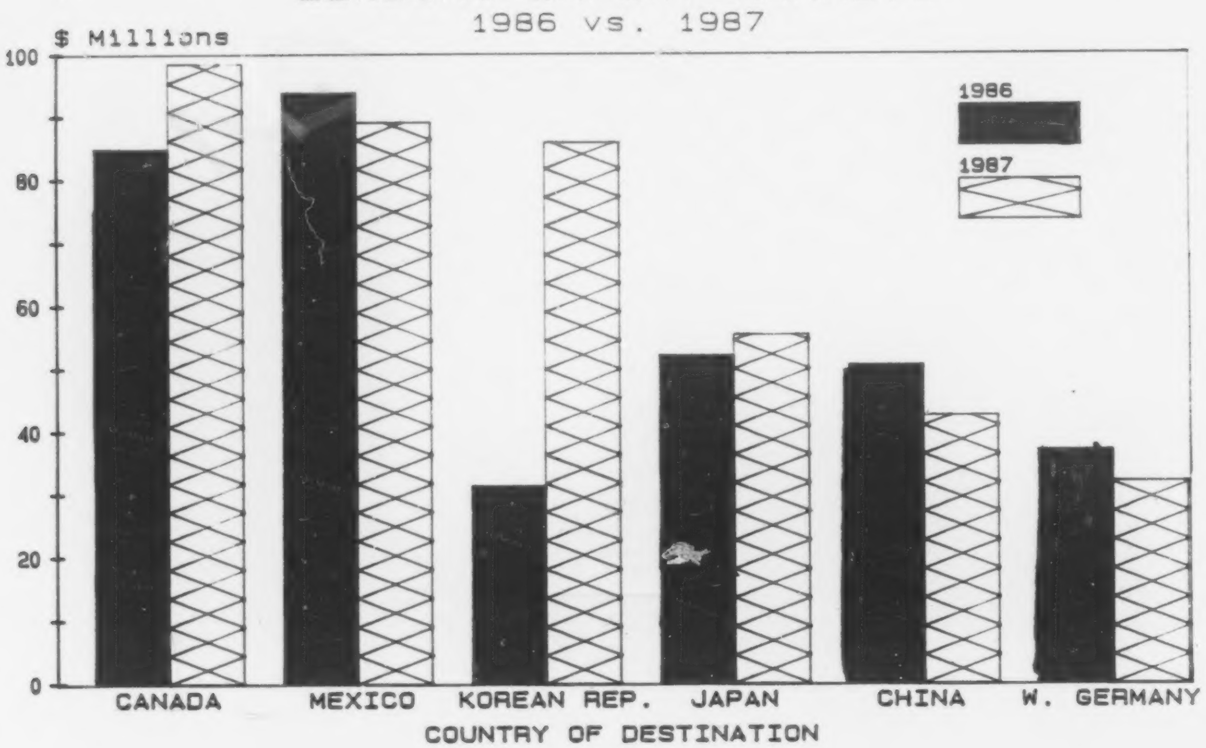
	U.S. Exports-1987		U.S. Exports-1986		%Change 87:86
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Asia	$238.8	36.7%	$206.6	35.0%	+ 15.6%
N & C America	191.3	29.4	181.2	30.7	+ 5.6
Europe	154.3	23.7	161.1	27.3	- 4.2
South America	47.4	7.3	29.1	4.9	+ 62.9
Oceania	12.4	1.9	8.9	1.5	+ 39.3
Africa	6.2	1.0	3.3	0.6	+ 87.9
	$650.4	100.0%	$590.3	100.0%	+ 10.2%

Exports to six countries represented 62% of total U.S. machine tool exports. Ranked by dollar value, the leading markets were:

	U.S. Exports-1987		U.S. Exports-1986		%Change 87:86
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Canada	$ 98.5	15.1%	$ 85.0	14.4%	+ 15.9%
Mexico	89.1	13.7	93.9	15.9	- 5.1
Korean Republic	85.9	13.2	31.4	5.3	+173.6
Japan	55.4	8.5	52.1	8.8	+ 6.3
China	42.5	6.5	50.5	8.5	- 15.8
West Germany	32.0	4.9	37.0	6.3	- 13.5
	$403.3	62.0%	$349.8	59.3%	+ 15.3%

For every month of 1987, Canada displayed the highest dollar value of U.S. exports of machine tools, accounting for 15% of the total. Metal cutting machine tool exports jumped 39% from 1986 to $60.5 million for the current year. Exports of metal forming machinery decreased 8% to $38.0 million.

Mexico ranked second in U.S. export markets of machine tools, down 5% from last year's total of $93.9 million to $89.1 million. Exports of metal cutting machines fell 14% to $54.9 million while metal forming machinery increased 13% to $34.1 million.



Out of the six leading markets for U.S. exports, the Korean Republic displayed the largest percentage change in $ value over 1986, up 174% to $85.9 million. This is the result of sustained economic development and a growing domestic consumer demand. Exports of metal cutting machine tools increased from $19.2 million to $44.3 million while the metal forming sector rose from $12.2 million to $41.5 million.

U.S. exports to Japan represented 9% of the total in 1987, up from $52.1 million in 1986 to $55.4 million. Exports of metal cutting machine tools to Japan fell 18% from 1986 to $29.3 million. Metal forming exports rose 59%, up from $16.4 million to $26.1 million.

China's share of U.S. exports fell 2 percentage points to 7%. This resulted in a dollar value decrease of 16%, down from $50.5 million to $42.5 million. Although exports of metal cutting machinery fell 36% to $22.1 million, metal forming exports increased 30% to $20.4 million.

West Germany's share of U.S. exports stood at 5% in 1987, totaling $32.0 million. Both, metal cutting and metal forming exports of machine tools dropped from their last year's totals, falling 7% and 22%, respectively. Metal cutting machinery fell to $19.5 million while metal forming machine tools totaled $12.5 million.

IMPORTS

The reported dollar value of U.S. machine tool imports stood at $1,995.4 million during 1987. This represented an 11% decrease from last year's total of $2,251.8 million. Imports of metal cutting machine tools dropped 13% from 1986 to $1,435.9 million. Metal forming imports of $559.5 million were 6% below their 1986 total of $597.2 million. It should be noted that machine tool imports, as reflected in the government statistics, are actually undervalued. They reflect values in the country of origin and do not include ocean freight, insurance, dealer's commissions, or import duties. The purchaser in this country is paying significantly more for imported machine tools than is reported in the government import statistics.

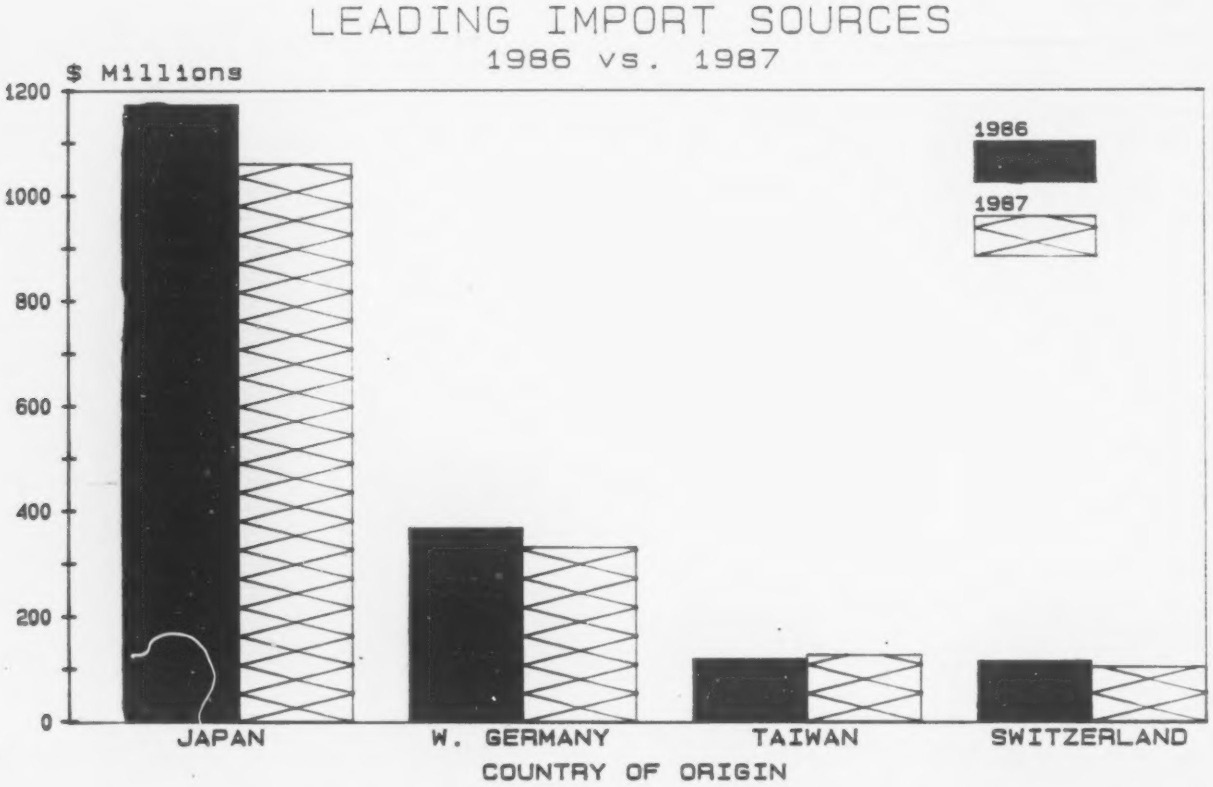
In 1987, four countries supplied 81% of U.S. machine tool imports. The dollar value of these countries' combined shipment total to the U.S. fell 9% below last year's level.

	U.S. Imports-1987		U.S. Imports-1986		%Change 87:86
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Japan	$1,061.2	53.2%	$1,173.6	52.1%	- 9.6%
West Germany	332.0	16.6	367.9	16.3	- 9.8
Taiwan	127.5	6.4	119.3	5.3	+ 6.9
Switzerland	103.6	5.2	115.3	5.1	-10.1
	$1,624.3	81.4%	$1,776.1	78.9%	- 8.5%

Japan's share of U.S. machine tool imports rose 1 percentage point to 53%. However, the total dollar value fell 10% from 1986 to $1,061.2 million. Imports of metal cutting machinery fell 14%, down from $841.8 million to $721.3 million. Metal forming imports rose slightly more than 2% from last year to $339.9 million.

West Germany supplied 17% of total U.S. machine tool imports during 1987, to stand at $332.0 million. U.S. imports of both metal cutting and metal forming machine tools fell in 1987. Metal cutting imports of $26.8 million dropped 4% while imports of metal forming machinery fell 28% to $63.9 million.

The market share of imports from Taiwan rose 1 percentage point to 6% in 1987 even though the dollar value increased 7%, up from $119.3 million to $127.5 million. Metal cutting imports increased 6% to $123.0 million. Metal forming imports rose from $3.1 million to $4.5 million.



Switzerland's total dollar value fell from $115.3 million to $103.6 million while their market share remained virtually unchanged from last year's level of 5%. Metal cutting imports were down 16% from their 1986 total of $96.6 million to $81.1 million. Imports of metal forming machines rose 21% to $22.6 million in 1987.

ES, I1, I2

A 80 50-3

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1987

RELEASED: MARCH 25, 1988

		TOTAL YTD		TOTAL MO	
		UNITS	$000	UNITS	$000
674: METAL CUTTING					
3025	Gear Hobbers	89	14510	9	1415
3035	Gear Shapers	50	6481	1	419
3045	Gear Cutting Machines, N.E.C.	35	2488	5	332
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1529	127129	96	7738
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	191	17493	2	195
3409	Horizontal Machining Centers, ATC, NC	723	113747	73	11902
3411	Machining Centers, NC, N.E.C.	471	55058	34	1831
3412	Single Station and Multi-Station Transfer Machines	102	22729	3	653
3413	Way Type Machines, (Unit Heads)	3	179	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	9	3699	1	345
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	103	17479	1	72
3419	Vertical Boring-Drilling-Milling Machines, NC	163	13591	4	176
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	36	2701	2	74
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	233	6261	4	650
3328	Drilling Machines, NC	159	7621	21	1412
3329	Drilling Machines, Multi-Spindle, Non-NC	71	2220	3	347
3334	Drilling Machines, Radial, Non-NC	183	1071	8	101
3336	Drilling Machines, Upright, Single Spindle, Non-NC	71	680	19	228
3342	Drilling Machines, Non-NC, N.E.C.	727	17549	43	1074
3464	Milling Machines, NC	643	41285	54	2141
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	15	864	2	133
3467	Milling Machines, Knee Type, Non-NC	2753	16625	126	945
3468	Milling Machines, Bed Type, Non-NC	214	6447	7	145
3469	Milling Machines, Non-NC, N.E.C.	1141	22141	181	1958
3476	Vertical Boring Machines, Incl. VTL's, NC	27	5654	1	246
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	90	2452	2	57
3481	Boring Machines, NC, N.E.C.	44	5921	7	1667
3483	Boring Machines, Non-NC N.E.C.	357	24218	47	5111
3504	Horizontal Lathes, Multi-Spindle, NC	116	12875	12	3102
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	3006	172050	251	16855
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	417	44610	24	3263
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	157	12767	0	0
3512	Horizontal Engine & Toolroom Lathes, Non-NC	3039	23843	269	2426
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	84	3069	6	76
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	37	5170	0	0
3515	Automatic Bar Machines, Single Spindle, Non-NC	52	2472	2	243
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	46	2229	2	410
3518	Horizontal Lathes, Non-NC, N.E.C.	193	2842	4	37
3505	Vertical Lathes, Multi-Spindle, NC	103	7557	2	170
3519	Vertical Lathes, NSPF, NC	219	21702	6	559
3522	Vertical Lathes, Excl. VTL's, Non-NC	988	20333	115	1756
3527	Gear Tooth Grinding & Finishing Machines	335	26541	32	2883
3528	Tool & Cutter Grinding Machines, NC	48	2392	16	803
3529	Tool & Cutter Grinding Machines, Non-NC	1030	19225	74	1491
3533	Honing & Lapping Machines	305	13078	39	3017
3539	Grinding Machines, Flat Surface, NC	45	4280	0	0
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	312	4881	75	767
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	2048	27564	182	3887
3546	Grinding & Polishing Machines, NC, N.E.C.	167	30744	33	3803
3554	External Grinding Machines, Non-NC	259	10277	18	841
3556	Internal Grinding Machines, Non-NC	27	2553	4	395
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	107	8201	6	390
3559	Grinding Machines, Non-NC, N.E.C.	1537	54414	120	3244
3562	Traveling Wire Electrical Discharge Machines	626	42539	82	3876
3564	All Other Electrical Discharge Machines	377	18710	16	1605
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	114	16233	9	2222
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	232	7888	88	373
3576	Metal Cutting Machines Tools, NC, N.E.C.	122	70810	13	918
3577	Sawing & Cut-Off Machines, Non-NC	1527	17956	152	1845
3578	Broaching Machines, Non-NC	88	4504	28	1835
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1360	44250	65	5218
4000	Metal Cutting Machine Tools, Used or Rebuilt*	4671	19813	301	1135
5000	Metal Cutting Machine Tools, Less Than $2500**	1090016	99106	49975	6970
	TOTAL CUTTING			52777	117790
	TOTAL CUTTING YTD	1124042	1435893		
674: METAL FORMING					
1010	Die Casting Machines	448	19686	56	976
3582	Metal Forming Machine Tools, Used or Rebuilt	531	6712	31	391
3583	Metal Forming Machine Tools, Less Than $2500	26506	9670	2543	1658
3584	Punching and Shearing Machines, Incl. Combination, NC	319	42282	19	2935
3586	Shearing Machines, Non-NC	725	15464	52	1416
3587	Punching & Combination Punching & Shearing Machines, Non-NC	572	9384	20	898
3588	Bending, Folding, Straightening & Flattening Machines, NC	224	16905	18	1816
3589	Press Brakes, Non-NC	654	17206	44	1261
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	125	1691	2	23
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1124	25518	119	2447
3593	Metal Forming Machine Tools, NC, N.E.C.	116	22453	4	277
3594	Mechanical Presses, Non-NC	1310	114622	80	10267
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	262	43084	21	951
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	614	125021	63	9320
3597	Headers & Upsetters, Non-NC	130	8214	13	2041
3598	Forging Machines, Non-NC, N.E.C.	173	12841	28	524
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1824	68693	276	10328
	TOTAL FORMING			3389	47530
	TOTAL FORMING YTD	35657	559487		
	TOTAL ALL TYPES			56166	165320
	TOTAL ALL TYPES YTD	1159699	1995380		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674. 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674. 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	233	0	0	0	0	0	0
3404	0	0	0	0	0	0	2	138	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	2	142	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	2	42	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	1	75
3342	0	0	0	0	0	0	1	3	4	36
3464	0	0	0	0	0	0	2	589	5	120
3466	0	0	0	0	0	0	0	0	1	97
3467	1	5	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	1	54
3469	0	0	0	0	0	0	0	0	2	36
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	1	12
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	4	101
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	1	3	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	17	252	0	0	0	0	0	0	4	111
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	1	36	2	37
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	22	346
3543	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	1	303
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	2	16	0	0	19	107	2	104	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	1	277
3577	0	0	0	0	0	0	5	139	0	0
3578	0	0	0	0	0	0	0	0	1	86
3579	0	0	0	0	0	0	0	0	1	31
4000	3	92	7	10	18	93	1	20	33	143
5000	386	233	0	0	18	18	387	263	1355	317
CUT MO	409	598	8	243	57	260	404	1438	1439	2182
CUT YTD	2869	9364	673	1487	2168	1693	7596	13796	8388	45550
1010	0	0	0	0	0	0	0	0	3	2
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	16	14
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	1	8	0	0	0	0	1	42
3587	0	0	0	0	0	0	0	0	3	33
3588	0	0	0	0	0	0	0	0	1	24
3589	0	0	0	0	2	100	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	0	0	0	0	2	23
3593	0	0	1	4	0	0	0	0	0	0
3594	0	0	0	0	0	0	6	109	7	27
3595	0	0	0	0	0	0	2	7	0	0
3596	0	0	0	0	1	450	0	0	2	19
3597	0	0	0	0	0	0	0	0	2	392
3598	5	38	0	0	0	0	0	0	0	0
3599	2	729	2	147	0	0	26	590	18	252
FRM MO	7	767	4	160	3	550	34	706	55	829
FRM YTD	159	7013	460	7926	41	883	561	3814	2854	26816
TOT MO	416	1365	12	402	60	810	438	2144	1494	3011
TOT YTD	3028	16377	1133	9413	2209	2576	8157	17610	11242	72366

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1987

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	1	419
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	16	3920	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	3	653
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	1	19
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	1	134
3334	0	0	0	0	2	57	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	1	356
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	56	444	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	39	361	5	431	2	232
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	1	5
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	3	222	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	2	243
3516	0	0	0	0	0	0	0	0	1	218
3518	0	0	0	0	0	0	0	0	3	34
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	1	127	0	0	0	0
3522	0	0	0	0	1	21	0	0	1	27
3527	0	0	0	0	1	63	0	0	4	170
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	1	14	9	98
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	3	409
3546	0	0	0	0	0	0	0	0	9	635
3554	0	0	0	0	0	0	0	0	7	355
3556	0	0	0	0	0	0	0	0	0	0
3558	3	206	0	0	0	0	0	0	0	0
3559	5	156	0	0	0	0	3	360	5	340
3562	0	0	0	0	0	0	0	0	16	1228
3564	0	0	0	0	0	0	0	0	6	732
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	3	62
3576	0	0	0	0	0	0	0	0	0	0
3577	5	17	0	0	0	0	0	0	1	16
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	1	5	0	0	1	107
4000	1	5	14	58	0	0	1	10	0	0
5000	68	95	0	0	157	17	226	219	27	8
CUT MO	82	480	14	58	261	1316	252	4954	108	6500
CUT YTD	778	6401	119	419	2106	14237	2099	16327	7678	81083
1010	4	3	0	0	0	0	0	0	0	0
3582	1	3	0	0	0	0	0	0	0	0
3583	4	7	0	0	6	4	0	0	51	58
3584	0	0	0	0	0	0	0	0	4	1104
3586	1	31	2	35	0	0	0	0	0	0
3587	0	0	0	0	0	0	2	23	0	0
3588	0	0	0	0	0	0	1	34	0	0
3589	0	0	6	47	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	2	215	14	122	12	224
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	1	325	0	0	0	0	1	99	0	0
3596	1	11	0	0	0	0	1	146	0	0
3597	0	0	0	0	0	0	0	0	1	153
3598	0	0	0	0	0	0	0	0	0	0
3599	4	12	0	0	2	30	1	620	18	1589
FRM MO	16	391	8	82	10	248	20	1045	86	3128
FRM YTD	178	2671	51	649	362	2275	1790	7288	1010	22556
TOT MO	98	871	22	140	271	1564	272	5999	194	9628
TOT YTD	956	9072	170	1068	2468	16512	3889	23615	8688	103639

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	6	1258	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	3	45	1	55	0	0	0	0	0	0
3404	0	0	1	103	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	1	39	1	97	0	0	0	0	0	0
3411	1	69	21	891	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	1	72	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	1	55	0	0	0	0	0	0	0	0
3423	0	0	2	608	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	1	173	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	2	44	2	14	0	0	0	0	0	0
3342	7	30	3	258	0	0	1	8	0	0
3464	20	75	4	309	0	0	0	0	0	0
3466	0	0	1	36	0	0	0	0	0	0
3467	0	0	1	122	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	3	84	36	281	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	31	4590	0	0	2	33	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	8	2080	0	0	0	0	0	0
3508	0	0	2	210	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	83	816	0	0	21	137	0	0	15	102
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	1	192	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	2	142	0	0	0	0	0	0
3522	30	391	3	240	0	0	0	0	29	186
3527	0	0	13	2492	0	0	0	0	0	0
3528	7	234	1	182	0	0	0	0	0	0
3529	10	105	23	549	0	0	2	6	0	0
3533	24	214	10	2299	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	25	218	0	0	0	0	0	0
3543	2	295	23	322	0	0	0	0	0	0
3546	0	0	18	2592	0	0	0	0	0	0
3554	0	0	2	12	0	0	0	0	0	0
3556	1	68	3	327	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	18	1025	34	631	0	0	7	47	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	3	1127	1	432	0	0	0	0	0	0
3571	7	37	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	46	142	50	697	0	0	12	96	0	0
3578	26	1745	1	4	0	0	0	0	0	0
3579	21	105	20	4569	0	0	9	136	0	0
4000	28	88	21	278	0	0	22	26	0	0
5000	1691	196	387	163	0	0	505	321	2	5
CUT MO.	2036	7100	759	27422	21	137	560	673	46	292
CUT YTD	12785	68745	65578	268045	422	3854	6825	19115	364	2318
1010	0	0	5	159	0	0	21	722	0	0
3582	1	23	0	0	0	0	26	250	0	0
3583	122	102	457	734	0	0	40	5	0	0
3584	0	0	3	456	0	0	0	0	0	0
3586	10	102	2	232	0	0	3	78	0	0
3587	0	0	2	55	0	0	2	192	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	1	13	0	0	0	0	10	459	0	0
3591	2	23	0	0	0	0	0	0	0	0
3592	5	30	40	677	0	0	18	218	0	0
3593	0	0	2	245	0	0	1	27	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	7	582	10	350	0	0	1	430	0	0
3597	0	0	1	1220	0	0	2	11	0	0
3598	1	238	0	0	0	0	1	13	0	0
3599	4	179	74	2902	0	0	37	1783	0	0
FRM MO	153	1293	596	7030	0	0	162	4189	0	0
FRM YTD	1493	16688	5151	63921	1	12	1962	30130	11	4933
TOT MO.	2189	8393	1355	34453	21	137	722	4862	46	292
TOT YTD	14278	85432	70729	331966	423	3866	8787	49245	375	7251

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	2	125	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	91	7313	0	0	0	0
3406	0	0	0	0	1	102	0	0	0	0
3409	0	0	0	0	53	7705	0	0	0	0
3411	0	0	0	0	5	624	5	88	1	67
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	1	345	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	21	1412	0	0	0	0
3329	0	0	0	0	1	39	0	0	0	0
3334	0	0	0	0	1	21	0	0	0	0
3336	0	0	0	0	2	34	0	0	0	0
3342	0	0	0	0	7	221	0	0	0	0
3464	1	51	0	0	[illegible]	581	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	3	48	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	20	88	0	0	0	0	0	0	0	0
3476	0	0	0	0	1	246	0	0	0	0
3477	0	0	0	0	1	45	0	0	0	0
3481	0	0	0	0	7	1667	0	0	0	0
3483	0	0	0	0	8	317	0	0	0	0
3504	0	0	0	0	12	3102	0	0	0	0
3506	0	0	0	0	209	13622	21	1020	12	128
3508	0	0	0	0	22	3053	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	2	71	42	299	26	250
3513	0	0	0	0	6	76	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	3	0	0	0	0	0	0	0	0
3505	0	0	0	0	1	167	0	0	0	0
3519	0	0	0	0	3	291	0	0	0	0
3522	0	0	0	0	12	426	0	0	0	0
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	8	388	0	0	0	0
3529	0	0	0	0	8	495	0	0	0	0
3533	0	0	0	0	5	504	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	7	46	0	0	13	95
3543	2	50	0	0	72	1812	0	0	0	0
3546	0	0	0	0	6	577	0	0	0	0
3554	0	0	0	0	1	113	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	3	185	0	0	0	0
3559	5	25	0	0	6	373	0	0	0	0
3562	0	0	0	0	51	2517	1	20	0	0
3564	0	0	0	0	10	873	0	0	0	0
3567	0	0	0	0	4	652	0	0	0	0
3571	0	0	0	0	78	274	0	0	0	0
3576	0	0	0	0	10	342	0	0	0	0
3577	1	7	2	90	7	510	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	1	5	10	252	0	0	0	0
4000	0	0	0	0	3	57	0	0	67	5
5000	20	32	0	0	2111	527	14	15	8	16
CUT MO	50	256	3	95	2881	52148	83	1442	127	561
CUT YTD	5033	3393	37	1308	69491	721286	1256	14272	3151	7527
1010	0	0	0	0	18	87	1	1	0	0
3582	0	0	1	49	1	39	0	0	0	0
3583	0	0	0	0	279	346	47	17	0	0
3584	0	0	0	0	12	1375	0	0	0	0
3586	0	0	0	0	12	283	0	0	2	7
3587	0	0	0	0	2	42	0	0	0	0
3588	0	0	0	0	16	1757	0	0	0	0
3589	0	0	0	0	4	104	0	0	5	78
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	16	785	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	63	10035	0	0	0	0
3595	0	0	0	0	17	520	0	0	0	0
3596	0	0	0	0	14	6155	0	0	0	0
3597	0	0	0	0	6	263	0	0	0	0
3598	0	0	0	0	10	167	0	0	0	0
3599	0	0	6	371	59	1015	19	86	0	0
FRM MO	0	0	7	420	529	22970	67	104	7	84
FRM YTD	196	9	122	2396	7678	339901	152	407	149	1750
TOT MO	50	256	10	515	3410	75118	150	1546	134	645
TOT YTD	5229	3402	159	3704	77169	1061186	1408	14679	3300	9277

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	1	33
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	2	184	0	0	0	0
3406	1	92	0	0	0	0
3409	0	0	0	0	0	0
3411	1	91	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	4	176	0	0	0	0
3422	0	0	0	0	0	0
3423	0	0	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	5	23	0	0	0	0
3336	12	61	0	0	0	0
3342	12	97	0	0	7	63
3464	13	416	0	0	0	0
3466	0	0	0	0	0	0
3467	65	325	0	0	0	0
3468	6	91	0	0	0	0
3469	74	445	0	0	0	0
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	2	70
3504	0	0	0	0	0	0
3506	0	0	0	0	0	0
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	66	391	0	0	11	139
3513	0	0	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	4	30	0	0	14	73
3527	13	100	0	0	1	58
3528	0	0	0	0	0	0
3529	18	150	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	8	62	0	0	0	0
3543	70	649	0	0	10	349
3546	0	0	0	0	0	0
3554	7	58	0	0	0	0
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	12	49	2	12	0	0
3562	4	60	10	52	0	0
3564	0	0	0	0	0	0
3567	1	10	0	0	0	0
3571	0	0	0	0	0	0
3576	2	300	0	0	0	0
3577	22	104	0	0	1	28
3578	0	0	0	0	0	0
3579	0	0	0	0	1	9
4000	76	189	0	0	6	63
5000	33509	4185	313	104	8791	237
CUT MO	34007	8337	325	168	8845	1121
CUT YTD	822710	123039	532	1181	101384	11327
1010	4	2	0	0	0	0
3582	0	0	0	0	1	26
3583	1489	313	0	0	32	59
3584	0	0	0	0	0	0
3586	11	35	0	0	7	564
3587	0	0	0	0	9	553
3588	0	0	0	0	0	0
3589	16	461	0	0	0	0
3591	0	0	0	0	0	0
3592	1	3	0	0	9	149
3593	0	0	0	0	0	0
3594	4	97	0	0	0	0
3595	0	0	0	0	0	0
3596	21	87	0	0	5	1089
3597	1	3	0	0	0	0
3598	2	19	0	0	9	49
3599	1	18	0	0	3	4
FRM MO	1550	1037	0	0	75	2492
FRM YTD	10588	4476	50	444	638	12492
TOT MO	35557	9374	325	168	8920	3613
TOT YTD	833298	127515	582	1625	102022	23818

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
DECEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	5	97	0	0	5	97
EAST GERMANY	6	144	0	0	6	144
FINLAND	6	55	1	26	7	80
GIBRALTAR	0	0	0	0	0	0
GREECE	2	46	0	0	2	46
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	1	1	1	1
MALTA	0	0	0	0	0	0
NORWAY	0	0	2	3	2	3
POLAND	10	109	0	0	10	109
ROMANIA	0	0	0	0	0	0
USSR	1	15	0	0	1	15
OTHER EUROPE	0	0	0	0	0	0
TOTAL	30	466	4	30	34	496
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	8782	226	38	75	8820	301
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	8782	226	38	75	8820	301
OTHER SOUTH AMERICA						
ARGENTINA	1	17	0	0	1	17
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	1	17	0	0	1	17
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	24	2338	24	2338
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	24	2338	24	2338

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
DECEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	0	0	0	0	0	0
INDIA	23	84	9	49	32	133
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	1	28	0	0	1	28
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	1	20	0	0	1	20
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	6	271	0	0	6	271
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	31	404	9	49	40	452
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	1	9	0	0	1	9
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	9	0	0	1	9

SOURCE U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1)'O-' - DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES

A 8050-3

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1987

RELEASED: MARCH 25, 1988

		TOTAL UNITS	YTD $000
674:	METAL CUTTING		
3025	Gear Hobbers	89	14510
3035	Gear Shapers	50	6481
3045	Gear Cutting Machines, N.E.C.	35	2488
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1529	127129
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	191	17493
3409	Horizontal Machining Centers, ATC, NC	723	113747
3411	Machining Centers, NC, N.E.C.	471	55058
3412	Single Station and Multi-Station Transfer Machines	102	22729
3413	Way Type Machines, (Unit Heads)	3	179
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	9	3699
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	103	17479
3419	Vertical Boring-Drilling-Milling Machines, NC	163	13591
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	36	2701
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	233	6261
3328	Drilling Machines, NC	159	7621
3329	Drilling Machines, Multi-Spindle, Non-NC	71	2220
3334	Drilling Machines, Radial, Non-NC	183	1071
3336	Drilling Machines, Upright, Single Spindle, Non-NC	71	680
3342	Drilling Machines, Non-NC, N.E.C.	727	17549
3464	Milling Machines, NC	643	41285
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	15	864
3467	Milling Machines, Knee Type, Non-NC	2753	16625
3468	Milling Machines, Bed Type, Non-NC	214	6447
3469	Milling Machines, Non-NC, N.E.C.	1141	22141
3476	Vertical Boring Machines, Incl. VTL's, NC	27	5654
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	90	2452
3481	Boring Machines, NC, N.E.C.	44	5921
3483	Boring Machines, Non-NC N.E.C.	357	24218
3504	Horizontal Lathes, Multi-Spindle, NC	116	12875
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	3006	172050
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	417	44610
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	157	12767
3512	Horizontal Engine & Toolroom Lathes, Non-NC	3039	23843
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	84	3069
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	37	5170
3515	Automatic Bar Machines, Single Spindle, Non-NC	52	2472
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	46	2229
3518	Horizontal Lathes, Non-NC, N.E.C.	193	2842
3505	Vertical Lathes, Multi-Spindle, NC	103	7557
3519	Vertical Lathes, NSPF, NC	219	21702
3522	Vertical Lathes, Excl. VTL's, Non-NC	988	20333
3527	Gear Tooth Grinding & Finishing Machines	335	26541
3528	Tool & Cutter Grinding Machines, NC	48	2392
3529	Tool & Cutter Grinding Machines, Non-NC	1030	19225
3533	Honing & Lapping Machines	305	13078
3539	Grinding Machines, Flat Surface, NC	45	4280
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	312	4881
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	2048	27564
3546	Grinding & Polishing Machines, NC, N.E.C.	167	30744
3554	External Grinding Machines, Non-NC	259	10277
3556	Internal Grinding Machines, Non-NC	27	2553
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	107	8201
3559	Grinding Machines, Non-NC, N.E.C.	1537	54414
3562	Traveling Wire Electrical Discharge Machines	626	42539
3564	All Other Electrical Discharge Machines	377	18710
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	114	16233
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	232	7888
3576	Metal Cutting Machines Tools, NC, N.E.C.	122	70810
3577	Sawing & Cut-Off Machines, Non-NC	1527	17956
3578	Broaching Machines, Non-NC	88	4504
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1360	44250
4000	Metal Cutting Machine Tools, Used or Rebuilt*	4671	19813
5000	Metal Cutting Machine Tools, Less Than $2500**	1090016	99106
	TOTAL CUTTING	1124042	1435893
674:	METAL FORMING		
1010	Die Casting Machines	448	19686
3582	Metal Forming Machine Tools, Used or Rebuilt	531	6712
3583	Metal Forming Machine Tools, Less Than $2500	26506	9670
3584	Punching and Shearing Machines, Incl. Combination, NC	319	42282
3586	Shearing Machines, Non-NC	725	15464
3587	Punching & Combination Punching & Shearing Machines, Non-NC	572	9384
3588	Bending, Folding, Straightening & Flattening Machines, NC	224	16905
3589	Press Brakes, Non-NC	654	17206
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	125	1691
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1124	25518
3593	Metal Forming Machine Tools, NC, N.E.C.	116	22453
3594	Mechanical Presses, Non-NC	1310	114622
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	262	43084
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	614	125021
3597	Headers & Upsetters, Non-NC	130	8214
3598	Forging Machines, Non-NC, N.E.C.	173	12841
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1824	68693
	TOTAL FORMING	35657	559487
	TOTAL ALL TYPES	1159699	1995380

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
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	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	6	350	0	0	0	0	2	328
3035	0	0	0	0	0	0	0	0	0	0
3045	1	69	3	653	0	0	0	0	1	25
3404	0	0	0	0	0	0	3	206	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	5	404	6	1370
3411	0	0	0	0	0	0	0	0	16	1633
3412	0	0	0	0	0	0	1	105	36	4165
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	3	1656
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	1	39	0	0	10	943
3422	0	0	0	0	0	0	0	0	5	1303
3423	0	0	0	0	2	42	0	0	7	2173
3328	2	10	0	0	0	0	0	0	3	868
3329	0	0	0	0	1	5	1	9	1	10
3334	0	0	0	0	0	0	0	0	1	16
3336	0	0	0	0	0	0	0	0	12	201
3342	2	7	0	0	3	49	63	1065	148	3277
3464	10	126	0	0	0	0	143	5627	20	1414
3466	0	0	0	0	0	0	0	0	7	654
3467	1	5	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	6	170
3469	65	396	0	0	1	33	7	112	60	1241
3476	0	0	0	0	0	0	1	505	1	120
3477	0	0	0	0	0	0	0	0	55	625
3481	0	0	0	0	0	0	0	0	1	234
3483	0	0	0	0	3	96	0	0	121	1425
3504	0	0	0	0	0	0	0	0	5	30
3506	0	0	0	0	0	0	4	368	3	33
3508	0	0	0	0	0	0	5	321	0	0
3510	0	0	0	0	0	0	0	0	1	277
3512	33	392	0	0	0	0	0	0	2	285
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	5	60	1	49	0	0	4	105	3	12
3505	0	0	0	0	0	0	2	439	0	0
3519	2	270	0	0	0	0	1	384	1	353
3522	204	4162	1	25	0	0	3	52	23	1392
3527	59	278	0	0	0	0	1	151	9	131
3528	0	0	0	0	0	0	0	0	23	562
3529	0	0	8	153	0	0	5	80	40	503
3533	0	0	0	0	0	0	0	0	27	162
3539	1	422	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	141	1750
3543	10	57	0	0	4	109	3	21	97	2384
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	23	426
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	13	409
3559	38	667	5	28	140	760	42	289	222	4323
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	3	781
3571	0	0	0	0	0	0	7	61	1	46
3576	0	0	0	0	0	0	0	0	2	303
3577	4	25	0	0	6	39	20	331	133	934
3578	0	0	0	0	0	0	0	0	9	568
3579	11	426	0	0	4	121	10	245	47	1517
4000	20	195	18	102	24	118	32	291	213	1804
5000	2401	1798	631	126	1979	283	7233	2626	6825	2715
CUT YTD	2869	9364	673	1487	2168	1693	7596	13796	8388	45550
1010	2	67	1	4	0	0	0	0	22	799
3582	0	0	3	43	0	0	1	15	76	543
3583	122	33	245	105	23	7	445	318	2157	639
3584	0	0	0	0	0	0	0	0	10	284
3586	1	40	69	1733	1	30	20	348	70	1188
3587	0	0	4	68	4	19	1	3	48	971
3588	0	0	3	726	2	113	3	148	31	1654
3589	0	0	72	2806	2	100	5	158	15	295
3591	0	0	2	7	0	0	0	0	5	47
3592	1	99	17	279	0	0	9	336	139	3505
3593	0	0	8	52	0	0	1	38	3	90
3594	0	0	2	516	0	0	7	293	36	3647
3595	0	0	0	0	0	0	2	7	8	79
3596	0	0	3	43	1	450	5	76	25	6800
3597	0	0	1	17	0	0	0	0	34	1809
3598	13	5138	0	0	0	0	2	243	13	812
3599	20	1636	30	1526	8	164	60	1830	162	3654
FRM YTD	159	7013	460	7926	41	883	561	3814	2854	26816
TOT YTD	3028	16377	1133	9413	2209	2576	8157	17610	11242	72366

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	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	5	896
3035	0	0	0	0	0	0	0	0	1	419
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	3	86	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	4	1529	0	0	4	119	20	4486	1	1143
3411	1	168	0	0	1	288	2	68	25	6251
3412	0	0	0	0	0	0	1	167	36	6854
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	1	750
3419	0	0	0	0	0	0	0	0	5	2465
3422	0	0	0	0	0	0	0	0	5	88
3423	0	0	0	0	1	7	0	0	4	44
3328	0	0	0	0	1	38	0	0	0	0
3329	0	0	0	0	0	0	0	0	2	141
3334	0	0	14	83	70	449	0	0	0	0
3336	0	0	0	0	0	0	2	9	0	0
3342	0	0	0	0	79	254	6	16	6	1369
3464	0	0	0	0	2	54	1	321	16	4206
3466	0	0	0	0	0	0	0	0	0	0
3467	14	58	0	0	863	5540	1	73	0	0
3468	0	0	0	0	21	301	2	457	0	0
3469	0	0	0	0	133	1471	24	2829	55	1007
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	4	213	0	0	1	443
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	35	153	1	3	7	1850
3504	0	0	0	0	0	0	0	0	1	117
3506	0	0	0	0	0	0	0	0	2	26
3508	0	0	0	0	0	0	1	161	6	3016
3510	0	0	0	0	0	0	3	344	14	225
3512	0	0	0	0	24	1048	0	0	0	0
3513	0	0	0	0	0	0	0	0	2	105
3514	0	0	0	0	0	0	0	0	5	1336
3515	0	0	0	0	7	118	0	0	33	1737
3516	2	345	0	0	1	9	0	0	28	606
3518	0	0	0	0	0	0	1	4	14	426
3505	0	0	0	0	1	60	0	0	1	160
3519	0	0	0	0	1	127	6	1270	2	325
3522	0	0	0	0	9	337	2	352	19	2231
3527	0	0	0	0	4	96	1	331	58	5041
3528	0	0	0	0	0	0	0	0	3	403
3529	5	48	0	0	9	692	3	29	90	1932
3533	0	0	0	0	0	0	3	116	11	213
3539	0	0	0	0	1	31	0	0	11	600
3541	0	0	0	0	1	7	0	0	0	0
3543	1	166	0	0	6	785	4	48	16	1173
3546	0	0	0	0	1	44	0	0	26	3651
3554	0	0	0	0	1	33	12	1114	88	3137
3556	0	0	0	0	0	0	0	0	0	0
3558	37	706	0	0	0	0	3	606	12	2321
3559	45	1241	0	0	19	502	26	1404	114	6546
3562	0	0	0	0	0	0	0	0	110	9835
3564	0	0	0	0	9	374	0	0	53	4341
3567	0	0	0	0	0	0	0	0	3	201
3571	1	239	0	0	0	0	4	39	3	62
3576	0	0	0	0	0	0	0	0	5	347
3577	52	202	3	70	19	259	3	45	5	137
3578	0	0	0	0	0	0	0	0	0	0
3579	23	983	3	48	29	272	31	364	28	903
4000	7	23	15	61	32	270	45	204	130	1582
5000	586	694	84	158	715	201	1891	1468	6615	425
CUT YTD	778	6401	119	419	2106	14237	2099	16327	7678	81083
1010	5	11	0	0	1	43	0	0	10	61
3582	4	25	0	0	0	0	6	67	20	413
3583	106	62	0	0	233	129	1564	278	742	318
3584	4	636	0	0	0	0	1	19	40	7440
3586	8	148	12	193	32	277	1	304	1	21
3587	1	8	1	14	47	342	58	916	5	421
3588	0	0	0	0	0	0	3	74	14	354
3589	8	251	35	401	6	61	3	201	0	0
3591	0	0	0	0	0	0	49	1023	0	0
3592	3	358	3	40	3	368	82	1354	78	3161
3593	0	0	0	0	0	0	0	0	7	1488
3594	0	0	0	0	0	0	1	341	3	498
3595	2	336	0	0	0	0	4	424	3	19
3596	4	259	0	0	7	316	13	1591	6	1001
3597	0	0	0	0	0	0	0	0	1	153
3598	12	238	0	0	0	0	0	0	13	93
3599	21	339	0	0	33	740	5	696	67	7116
FRM YTD	178	2671	51	649	362	2275	1790	7288	1010	22556
TOT YTD	956	9072	170	1068	2468	16512	3889	23615	8688	103639

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	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	62	11663	0	0	0	0	0	0
3035	1	149	38	4666	0	0	0	0	0	0
3045	6	110	14	1338	0	0	0	0	0	0
3404	50	2391	26	2601	0	0	0	0	2	139
3406	8	685	1	102	0	0	0	0	0	0
3409	28	1813	25	3915	0	0	0	0	0	0
3411	17	1637	75	20831	0	0	1	124	0	0
3412	1	101	25	10759	0	0	1	302	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	1	224	0	0
3418	4	556	14	8628	0	0	1	25	0	0
3419	0	0	104	7497	0	0	1	18	0	0
3422	2	193	10	473	9	546	0	0	0	0
3423	14	362	9	1531	0	0	3	9	2	13
3328	1	18	3	504	0	0	1	80	0	0
3329	0	0	7	753	0	0	1	49	0	0
3334	2	33	1	9	0	0	0	0	3	20
3338	2	44	24	176	0	0	0	0	0	0
3342	39	1198	77	4366	1	7	41	549	19	193
3464	150	4314	24	3554	0	0	1	7	0	0
3466	1	6	5	57	0	0	0	0	0	0
3467	120	1973	3	292	0	0	0	0	0	0
3468	32	516	12	2324	0	0	0	0	0	0
3469	20	834	81	6744	0	0	5	1431	0	0
3476	0	0	4	1034	0	0	0	0	0	0
3477	2	137	2	38	0	0	0	0	0	0
3481	2	748	11	572	0	0	0	0	0	0
3483	6	839	105	16333	1	70	31	887	0	0
3504	5	387	3	515	0	0	1	10	8	34
3506	295	3285	46	9075	0	0	3	68	0	0
3508	9	907	29	3933	0	0	0	0	1	15
3510	0	0	11	1813	0	0	0	0	0	0
3512	729	6664	0	0	87	761	13	160	82	740
3513	1	10	2	581	0	0	0	0	0	0
3514	0	0	6	2271	0	0	0	0	0	0
3515	1	3	4	397	0	0	0	0	0	0
3516	5	594	1	192	0	0	8	276	0	0
3518	11	323	0	1	122	1230	2	92	14	53
3505	0	0	4	1186	0	0	1	6	18	128
3519	0	0	21	4643	0	0	4	159	0	0
3522	127	1684	44	2776	44	327	13	726	188	936
3527	9	425	71	18624	0	0	1	55	0	0
3528	7	234	3	309	0	0	0	0	0	0
3529	152	2893	345	7017	0	0	29	372	0	0
3533	125	1256	95	9058	0	0	0	0	0	0
3539	4	801	7	785	0	0	1	89	0	0
3541	1	20	52	1222	0	0	0	0	0	0
3543	174	2209	372	5565	84	744	72	367	0	0
3546	10	2972	94	19285	0	0	0	0	0	0
3554	3	37	42	2218	0	0	0	0	0	0
3556	1	68	13	1630	0	0	0	0	0	0
3558	11	530	13	2650	0	0	0	0	0	0
3559	163	8756	274	16822	0	0	39	415	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	9	44	38	1743	0	0	0	0	3	16
3567	7	2213	12	3854	0	0	0	0	0	0
3571	46	760	24	3916	0	0	0	0	0	0
3576	5	129	15	1548	0	0	1	87	0	0
3577	187	1092	337	4143	18	63	157	2003	0	0
3578	61	3724	15	110	0	0	0	0	0	0
3579	152	2409	292	18619	0	0	375	6840	0	0
4000	780	2588	542	5287	2	16	208	886	0	0
5000	9187	3071	61989	5500	54	90	5809	2800	24	31
CUT YTD	12785	68745	65578	268045	422	3854	6825	19115	364	2318
1010	25	155	69	3520	0	0	194	3547	0	0
3582	93	540	76	883	0	0	132	1292	0	0
3583	1067	478	3972	2189	0	0	683	328	0	0
3584	0	0	41	5306	0	0	0	0	0	0
3586	81	1048	45	1396	0	0	47	918	0	0
3587	5	407	118	3036	0	0	34	341	0	0
3588	5	488	42	4987	0	0	5	218	0	0
3589	7	146	4	74	0	0	120	3574	0	0
3591	24	281	1	12	0	0	3	19	0	0
3592	27	852	125	4546	0	0	366	5035	0	0
3593	0	0	39	2893	0	0	4	278	0	0
3594	6	75	8	698	0	0	6	207	10	4918
3595	6	127	37	1642	0	0	5	216	0	0
3596	52	7553	73	4765	1	12	68	3181	1	15
3597	1	5	37	3112	0	0	3	209	0	0
3598	12	478	51	5091	0	0	15	137	0	0
3599	82	4056	413	19770	0	0	277	10631	0	0
FRM YTD	1493	16688	5151	63921	1	12	1962	30130	11	4933
TOT YTD	14278	85432	70729	331966	423	3866	8787	49245	375	7251

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	2	102	0	0	9	1083	1	25	0	0
3035	2	29	0	0	8	1218	0	0	0	0
3045	0	0	5	68	1	144	0	0	0	0
3404	0	0	0	0	1313	115475	0	0	2	94
3406	0	0	0	0	128	13767	2	105	0	0
3409	1	139	1	81	587	97044	1	141	1	54
3411	5	102	0	0	255	20914	14	546	2	117
3412	0	0	0	0	1	276	0	0	0	0
3413	0	0	0	0	3	179	0	0	0	0
3417	0	0	0	0	5	1820	0	0	0	0
3418	2	53	0	0	79	7368	2	99	0	0
3419	0	0	0	0	6	619	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	2	8	0	0	16	1227	0	0	0	0
3328	0	0	0	0	80	4234	0	0	0	0
3329	0	0	0	0	56	1246	0	0	0	0
3334	4	20	0	0	3	54	5	51	0	0
3336	0	0	0	0	7	134	0	0	0	0
3342	9	23	0	0	105	3580	0	0	2	40
3464	1	51	1	12	118	17279	1	118	0	0
3466	0	0	0	0	1	38	0	0	0	0
3467	0	0	0	0	8	146	0	0	120	597
3468	0	0	0	0	5	224	7	78	0	0
3469	151	667	0	0	54	2657	2	34	0	0
3476	0	0	0	0	16	3719	2	116	0	0
3477	1	33	0	0	13	825	2	93	0	0
3481	0	0	0	0	22	3923	0	0	0	0
3483	0	0	0	0	36	2235	0	0	0	0
3504	1	173	0	0	81	11578	0	0	0	0
3506	0	0	0	0	2243	148422	182	7668	43	420
3508	0	0	0	0	350	35528	13	580	0	0
3510	0	0	0	0	127	10066	1	41	0	0
3512	13	78	0	0	17	1033	456	2641	207	1840
3513	0	0	0	0	26	1149	4	34	0	0
3514	1	7	0	0	25	1557	0	0	0	0
3515	0	0	0	0	7	217	0	0	0	0
3516	0	0	0	0	1	206	0	0	0	0
3518	6	36	0	0	7	421	1	21	0	0
3505	0	0	0	0	56	5251	0	0	1	88
3519	0	0	0	0	157	13526	11	203	0	0
3522	14	84	0	0	68	2772	33	893	0	0
3527	2	12	0	0	45	646	8	267	0	0
3528	0	0	0	0	12	885	0	0	0	0
3529	2	36	0	0	91	3205	0	0	78	1195
3533	0	0	0	0	39	2254	0	0	0	0
3539	7	417	0	0	12	1122	0	0	0	0
3541	0	0	0	0	26	749	0	0	80	1029
3543	11	104	2	10	436	7170	2	21	1	14
3546	0	0	0	0	36	4792	0	0	0	0
3554	10	46	0	0	40	2848	0	0	0	0
3556	5	84	0	0	6	518	0	0	0	0
3558	3	50	0	0	11	860	0	0	0	0
3559	14	168	1	66	150	10776	0	0	12	168
3562	1	18	0	0	443	32207	1	20	0	0
3564	0	0	0	0	173	11252	0	0	0	0
3567	0	0	1	79	72	8835	0	0	0	0
3571	0	0	0	0	108	2604	0	0	0	0
3576	0	0	0	0	91	68062	0	0	0	0
3577	2	20	17	904	186	5012	1	10	0	0
3578	0	0	0	0	3	103	0	0	0	0
3579	1	30	2	71	294	10965	0	0	3	163
4000	40	273	1	9	1447	3153	4	78	75	7
5000	4720	531	6	8	59670	10117	500	392	2524	1704
CUT YTD	5033	3393	37	1308	69491	721286	1256	14272	3151	7527
1010	0	0	0	0	100	9033	2	8	0	0
3582	0	0	1	49	108	2739	1	27	0	0
3583	196	9	20	7	4006	1871	103	31	17	37
3584	0	0	0	0	218	27817	0	0	0	0
3586	0	0	54	989	189	5436	0	0	57	592
3587	0	0	0	0	234	2251	1	3	0	0
3588	0	0	6	104	107	7333	0	0	0	0
3589	0	0	16	431	308	7754	0	0	12	252
3591	0	0	0	0	5	88	0	0	1	7
3592	0	0	3	32	171	4909	0	0	0	0
3593	0	0	0	0	46	17266	0	0	0	0
3594	0	0	0	0	1211	102616	0	0	3	38
3595	0	0	0	0	125	39375	0	0	57	746
3596	0	0	0	0	277	96277	4	33	1	7
3597	0	0	1	20	51	2885	0	0	0	0
3598	0	0	0	0	26	528	0	0	0	0
3599	0	0	21	764	496	11725	41	305	1	71
FRM YTD	196	9	122	2396	7678	339901	152	407	149	1750
TOT YTD	5229	3402	159	3704	77169	1061186	1408	14679	3300	9277

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
DECEMBER 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	2	62
3035	0	0	0	0	0	0
3045	3	69	0	0	1	11
3404	130	6137	0	0	0	0
3406	52	2834	0	0	0	0
3409	39	1510	0	0	0	0
3411	54	2184	0	0	3	198
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	35	1399	0	0	1	611
3422	5	98	0	0	0	0
3423	173	844	0	0	0	0
3328	63	1733	0	0	5	136
3329	2	8	0	0	0	0
3334	74	308	0	0	6	30
3336	24	116	0	0	0	0
3342	104	1238	4	35	19	285
3464	153	4175	0	0	2	28
3466	1	110	0	0	0	0
3467	1519	7321	0	0	104	620
3468	129	2378	0	0	0	0
3469	460	2290	3	34	20	362
3476	3	161	0	0	0	0
3477	10	45	0	0	0	0
3481	5	293	0	0	3	150
3483	2	74	0	0	9	252
3504	11	32	0	0	0	0
3506	176	2472	1	10	8	203
3508	3	149	0	0	0	0
3510	0	0	0	0	0	0
3512	1201	6789	0	0	175	1411
3513	49	1189	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	1	6	0	0	1	4
3505	19	238	0	0	0	0
3519	10	381	1	13	2	51
3522	154	1073	7	95	35	416
3527	65	401	0	0	2	82
3528	0	0	0	0	0	0
3529	170	969	1	52	2	50
3533	5	19	0	0	0	0
3539	1	12	0	0	0	0
3541	11	105	0	0	0	0
3543	707	5741	1	15	45	861
3546	0	0	0	0	0	0
3554	36	336	0	0	4	81
3556	0	0	0	0	2	253
3558	3	28	0	0	1	42
3559	186	1230	10	56	37	199
3562	5	68	66	393	0	0
3564	92	940	0	0	0	0
3567	1	10	15	259	0	0
3571	35	135	0	0	3	28
3576	3	335	0	0	0	0
3577	373	1551	0	0	4	1114
3578	0	0	0	0	0	0
3579	51	248	0	0	4	27
4000	770	2419	8	23	258	426
5000	815532	60838	415	196	100626	3334
CUT YTD	822710	123039	532	1181	101384	11327
1010	15	89	0	0	2	2350
3582	3	18	0	0	7	59
3583	10355	2191	30	8	420	633
3584	0	0	0	0	5	782
3586	17	55	1	14	19	735
3587	1	20	0	0	10	566
3588	0	0	0	0	3	706
3589	34	579	0	0	7	124
3591	16	117	0	0	19	89
3592	41	231	3	60	53	354
3593	0	0	5	204	3	144
3594	8	189	0	0	9	588
3595	10	90	0	0	3	23
3596	51	584	5	52	17	2005
3597	1	3	0	0	0	0
3598	2	19	0	0	14	64
3599	34	291	6	108	47	3272
FRM YTD	10588	4476	50	444	638	12492
TOT YTD	833298	127515	582	1625	102022	23818

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
DECEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	2	4	0	0	2	4
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	77	725	0	0	77	725
EAST GERMANY	35	1033	2	66	37	1099
FINLAND	216	944	16	3893	232	4836
GIBRALTAR	0	0	0	0	0	0
GREECE	89	648	6	51	95	699
HUNGARY	6	110	7	148	13	258
ICELAND	0	0	0	0	0	0
IRELAND	6	35	3	690	9	725
MALTA	0	0	0	0	0	0
NORWAY	56	193	24	375	80	569
POLAND	171	1381	0	0	171	1381
ROMANIA	19	587	3	18	22	605
USSR	5	1102	0	0	5	1102
OTHER EUROPE	0	0	0	0	0	0
TOTAL	682	6761	61	5241	743	12002
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	3	4	1	56	4	60
DOMINICAN REP.	2	158	0	0	2	158
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS	2205	70	0	0	2205	70
MEXICO	97160	3069	376	1113	97536	4181
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	1	1	0	0	1	1
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	99371	3302	377	1169	99748	4471
OTHER SOUTH AMERICA						
ARGENTINA	11	249	1	16	12	265
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	1	3	0	0	1	3
URAGUAY	0	0	0	0	0	0
VENEZUELA	1	3	0	0	1	3
OTHER S AM	0	0	0	0	0	0
TOTAL	13	254	1	16	14	270
OTHER OCEANIA						
FR. PAC. IS	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	16	19	97	5052	113	5071
SAMOA	0	0	0	0	0	0
TERR PAC IS	0	0	0	0	0	0
OTH PAC IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	16	19	97	5052	113	5071

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
DECEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	914	191	12	93	926	284
INDIA	268	204	19	55	287	259
INDONESIA	10	62	0	0	10	62
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	1	61	0	0	1	61
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	1	28	1	2	2	30
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	2	24	0	0	2	24
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	60	3	4	44	64	48
TURKEY	6	271	5	3	11	274
YEMEN	0	0	0	0	0	0
OTHER ASIA	20	99	0	0	20	99
TOTAL	1282	944	41	197	1323	1140
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	8	29	0	0	8	29
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	1	9	0	0	1	9
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	7	3	0	0	7	3
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	3	3	61	817	64	820
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	1	3	0	0	1	3
TOTAL	20	47	61	817	81	864

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

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U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

RELEASED: MARCH 25, 1988

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	59	7048	11	1159
3045	Gear Cutting Machines, N.E.C.	113	30884	17	4290
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	29	1734	0	0
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	5	739	2	201
3209	Horizontal Machining Centers, ATC, NC	24	6286	4	678
3211	Machining Centers, NC, N.E.C.	144	11815	3	156
3216	Single Station and Multi-Station Transfer Machines	23	14550	0	0
3225	Way Type Machines (Unit Heads)	13	2245	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	11	2212	1	322
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	9	1224	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	12	1159	1	168
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	73	2228	9	96
3254	Drilling Machines, NC	28	3235	2	591
3255	Drilling Machines, Multi-Spindle, Non-NC	46	2489	0	0
3256	Drilling Machines, Radial, Non-NC	41	433	2	38
3257	Drilling Machines, Upright, Single Spindle, Non-NC	14	246	2	8
3258	Drilling Machines, Non-NC, N.E.C.	195	4096	9	415
3264	Milling Machines, NC	82	19073	20	2181
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	19	641	0	0
3267	Milling Machines, Knee Type, Non-NC	3	92	1	26
3268	Milling Machines, Bed Type, Non-NC	2	112	0	0
3269	Milling Machines, Non-NC, N.E.C	224	4826	18	219
3276	Vertical Boring Machines, Incl. VTLs, NC	5	1331	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	140	9794	11	234
3281	Boring Machines, NC, N.E.C	4	926	0	0
3283	Boring Machines, Non-NC, N.E.C.	77	5255	12	419
3503	Horizontal Lathes, Multi-Spindle, NC	17	2322	7	663
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	103	8383	19	1126
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	26	3647	4	564
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	15	2947	4	415
3510	Horizontal Engine & Toolroom Lathes, Non-NC	74	1157	7	57
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	8	1063	1	476
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	19	1996	1	61
3515	Automatic Bar Machines, Single-Spindle, Non-NC	44	1439	6	155
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	49	1922	8	212
3518	Horizontal Lathes, Non-NC, N.E.C.	508	14973	40	612
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	6	1342	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	14	1401	0	0
3525	Vertical Lathes, Excl. VTLs, Non-NC	149	9149	25	1254
3528	Grinding, Polishing, Honing & Lapping Machines, NC	188	31060	9	1697
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	26	3568	2	42
3531	Tool & Cutter Grinding Machines, Non-NC	238	7976	22	705
3532	Honing & Lapping Machines, Non-NC	388	6852	96	1608
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	117	1975	6	84
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	368	23366	33	1770
3541	External Grinding Machines, Non-NC	41	4043	11	1825
3542	Internal Grinding Machines, Non-NC	34	6310	10	2328
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	188	10665	16	1234
3546	Grinding Machines, Non-NC, N.E.C.	339	11480	16	1646
3547	Traveling Wire Electrical Discharge Machines	17	258	2	64
3549	All Other Electrical Discharge Machines	139	3247	18	821
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	19	1065	5	221
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	52	1845	13	224
3559	Metal Cutting Machine Tools, NC, N.E.C.	75	5047	5	146
3565	Sawing & Cut-Off Machines, Non-NC	467	6961	32	457
3566	Broaching Machines, Non-NC	13	383	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	200	10218	49	2333
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	5628	44557	233	4795
5000	Metal Cutting Machine Tools, Less Than $2500**	28576	14664	2403	1987
	TOTAL CUTTING			3228	40791
	TOTAL CUTTING YTD	39555	383545		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	17651	0	864
3568	Metal Forming Machine Tools, Used Or Rebuilt	714	19121	31	605
3569	Metal Forming Machine Tools, Less Than $2500	7114	4217	478	307
3571	Punching & Shearing Machines, Incl. Combination, NC	71	8543	5	1053
3573	Shearing Machines, Non-NC	85	3566	7	52
3575	Punching & Combination Punching & Shearing Machines, Non-NC	601	10398	60	1099
3578	Bending, Folding, Straightening & Flattening Machines, NC	79	5019	2	32
3582	Press Brakes, Non-NC	38	1683	4	494
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	16	1085	1	50
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	726	25552	58	4109
3588	Mechanical Presses	255	22889	30	2700
3589	Hydraulic Presses, Vertical, Single Action	56	6733	4	213
3590	Hydraulic & Pneumatic Presses	759	41441	88	5312
3594	Headers & Upsetters, Non-NC	90	15865	10	3891
3595	Forging Machines, Non-NC, N.E.C.	190	8038	33	2823
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	1130	75039	215	7609
	TOTAL FORMING			1026	31217
	TOTAL FORMING YTD	11924	266881		
	TOTAL ALL TYPES			4254	72008
	TOTAL ALL TYPES YTD	51479	650426		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	1	272	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	1	170	0	0	1	12	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	1	143	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	2	20
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	302	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	1	28	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	3	234
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	1	25	0	0	0	0
3559	1	68	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	2	80	0	0	0	0	0	0	0	0
4000	0	0	0	0	1	20	5	1200	0	0
5000	10	6	22	11	10	6	20	15	0	0
CUT MO	14	455	23	181	12	51	29	1671	5	254
CUT YTD	109	16913	704	11490	19	779	242	5828	40	668
1011	0	8	0	0	0	0	0	132	0	0
3568	0	0	0	0	1	52	0	0	4	8
3569	0	0	0	0	0	0	42	7	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	2	7	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	2	32
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	3	449	0	0
3588	0	0	0	0	0	0	1	120	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	2	39	0	0
FRM MO	2	15	0	0	1	52	48	-749	6	40
FRM YTD	18	276	238	1105	11	338	313	6407	36	1338
TOT MO	16	470	23	181	13	103	77	2419	11	293
TOT YTD	127	17189	942	12595	30	1117	555	12235	76	2007

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	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	2	585	0	0	0	0	0	0	2	500
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	2	45	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	1	65	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	1	476	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	81	0	0
3518	0	0	1	8	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	4	761	0	0	0	0	0	0	0	0
3528	1	106	0	0	0	0	0	0	2	679
3529	0	0	2	42	0	0	0	0	0	0
3531	1	4	0	0	0	0	0	0	1	8
3532	8	74	4	36	0	0	1	4	1	14
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	4	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	25	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	40	214	5	135	0	0	0	0	0	0
5000	76	58	18	12	0	0	2	2	3	4
CUT MO	135	2345	33	302	0	0	4	87	9	1205
CUT YTD	1332	10519	401	1839	32	3637	328	1068	195	3168
1011	0	59	0	12	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	12	10	0	0	0	0	0	0	20	4
3571	0	0	1	183	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	1	20
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	3	261	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	3	29	0	0	0	0	0	0
3594	1	316	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	2	75	4	242	0	0	1	132	4	335
FRM MO	15	459	8	465	0	0	4	393	25	358
FRM YTD	114	5445	136	2770	1	325	22	1713	79	3282
TOT MO	150	2804	41	767	0	0	8	481	34	1563
TOT YTD	1446	15965	537	4609	33	3962	350	2780	274	6449

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	3	432	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	1	82	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	1	377	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	1	5	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	2	50	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	1	13	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	5	395	0	0	0	0	0	0
3505	0	0	14	683	0	0	0	0	0	0
3507	0	0	1	70	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	2	12	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	9	201	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	13	165	6	74	0	0	11	133	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	17	358	0	0	0	0	0	0
3541	0	0	1	259	0	0	0	0	0	0
3542	0	0	5	453	5	1875	0	0	0	0
3544	0	0	2	47	0	0	1	149	0	0
3546	0	0	1	10	0	0	4	50	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	1	46	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	15	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	8	243	11	370	0	0	10	207	1	75
5000	47	30	202	140	0	0	346	405	0	0
CUT MO	70	449	280	3550	5	1875	377	1474	1	75
CUT YTD	510	3874	3495	14950	14	2147	1550	19546	7	1374
1011	0	0	0	37	0	0	0	48	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	6	5	0	0	75	15	0	0
3571	0	0	2	113	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	43	1	7	0	0	9	319	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	5	237	0	0	9	730	0	0
3588	0	0	2	284	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	8	0	0	2	315	0	0
3594	0	0	0	0	0	0	7	2854	0	0
3595	0	0	5	194	0	0	3	60	0	0
3598	0	0	7	153	0	0	2	9	0	0
FRM MO	1	43	29	1038	0	0	107	4349	0	0
FRM YTD	24	1823	322	9972	36	1042	642	12498	6	177
TOT MO	71	493	309	4588	5	1875	484	5823	1	75
TOT YTD	534	5697	3817	24922	50	3189	2192	32044	13	1551

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	4	434	0	0	0	0	0	0
3045	0	0	5	658	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	2	201	0	0	0	0	0	0
3209	0	0	2	400	0	0	0	0	0	0
3211	0	0	1	48	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	1	5	1	20	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	1	6	0	0	0	0
3257	0	0	2	8	0	0	0	0	0	0
3258	0	0	0	0	2	15	0	0	3	203
3264	0	0	9	1403	6	217	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	1	26	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	5	71	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	8	176	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	8	142	0	0	0	0
3503	0	0	0	0	1	150	0	0	0	0
3505	0	0	0	0	0	0	0	0	2	160
3507	0	0	1	83	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	3	25	1	8	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	2	8	0	0	0	0	0	0
3516	0	0	6	83	0	0	0	0	0	0
3518	0	0	1	37	24	398	1	10	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	115	7	121	0	0	0	0
3528	0	0	4	287	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	3	18	7	55	1	5	0	0	0	0
3532	0	0	0	0	1	6	0	0	0	0
3533	0	0	4	49	0	0	0	0	0	0
3538	0	0	0	0	8	118	0	0	0	0
3541	0	0	1	246	5	225	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	2	8	0	0	0	0
3546	0	0	1	3	6	1156	0	0	0	0
3547	0	0	2	64	0	0	0	0	0	0
3549	0	0	0	0	2	129	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	1	20	0	0	0	0	0	0
3559	0	0	3	54	0	0	0	0	0	0
3565	0	0	11	118	16	246	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	5	157	5	1444	1	21	0	0
4000	5	924	21	109	57	702	2	4	0	0
5000	45	27	492	382	87	96	58	44	0	0
CUT MO	53	969	593	5078	254	5459	62	79	5	362
CUT YTD	486	3562	6872	60481	5064	54926	824	2238	93	1616
1011	0	73	0	277	0	15	0	13	0	0
3568	0	0	3	17	13	152	0	0	0	0
3569	0	0	232	151	39	44	2	4	0	0
3571	0	0	2	758	0	0	0	0	0	0
3573	0	0	1	4	1	12	0	0	0	0
3575	0	0	17	186	10	163	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	2	77	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	11	463	9	832	0	0	3	215
3588	0	0	1	20	14	919	0	0	0	0
3589	0	0	1	105	1	44	0	0	0	0
3590	10	292	5	2293	40	448	2	25	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	2	164	0	0	0	0
3598	0	0	21	297	56	2127	0	0	0	0
FRM MO	10	365	296	4646	185	4920	4	42	3	215
FRM YTD	174	4377	4710	37976	1989	34126	139	1550	20	916
TOT MO	63	1334	889	9724	439	10379	66	122	8	577
TOT YTD	660	7940	11582	98458	7053	89052	963	3787	113	2532

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	2	23	0	0	0	0	0	0	1	197
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	240	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	1	322	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	1	134
3264	0	0	0	0	0	0	0	0	3	206
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	1	16	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	2	412
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	2	14
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	57
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	2	25	0	0	0	0	0	0	0	0
3528	0	0	0	0	1	135	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	1	420	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	36	979
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	1	82
3541	2	528	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	1	11	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	1	76	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	3	52	3	27	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	72	0	0	0	0
4000	0	0	5	16	18	92	1	24	8	67
5000	113	39	23	15	112	76	18	31	16	13
CUT MO	121	1357	29	271	137	513	23	99	71	2161
CUT YTD	336	15625	250	2396	1321	5674	346	2409	865	22092
1011	0	9	0	0	0	11	0	22	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	9	7	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	11	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	1	397	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	4	48	0	0	0	0	0	0	0	0
3588	0	0	2	54	1	285	0	0	0	0
3589	0	0	0	0	0	0	1	21	0	0
3590	0	0	0	0	7	278	0	0	1	70
3594	1	156	0	0	0	0	0	0	0	0
3595	0	0	0	0	2	37	0	0	0	0
3598	67	1436	0	0	2	282	3	11	1	834
FRM MO	73	2046	3	66	21	899	4	53	2	904
FRM YTD	181	9295	49	870	228	7960	332	637	154	20431
TOT MO.	194	3402	32	337	158	1413	27	152	73	3064
TOT YTD	517	24919	299	3265	1549	13634	678	3045	1019	42524

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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	4	505	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	227
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	1	38
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	1	12
3264	0	0	0	0	0	0	0	0	1	83
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	10	73
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	1	79
3503	0	0	0	0	0	0	0	0	1	119
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	1	61
3515	0	0	0	0	0	0	0	0	1	122
3516	0	0	0	0	0	0	0	0	1	48
3518	0	0	0	0	0	0	0	0	1	9
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	2	15	0	0	0	0	2	18
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	2	154
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	4	450
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	5	27	0	0	0	0	0	0	1	551
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	5	100
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	2	30
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	3	9	0	0	0	0	0	0	3	302
5000	1	60	2	3	0	0	10	17	247	196
CUT MO	9	96	8	523	0	0	10	17	286	2671
CUT YTD	780	2285	208	4506	45	1023	1797	1872	4623	29286
1011	0	9	0	17	0	0	0	0	0	4
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	2	3	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	3	0	0	0	0	0	0	4	50
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	6	87
3588	0	0	1	252	0	0	0	0	2	54
3589	0	0	1	44	0	0	0	0	0	0
3590	0	0	0	0	0	0	1	10	6	976
3594	0	0	0	0	0	0	0	0	1	566
3595	1	6	0	0	1	135	0	0	0	0
3598	8	432	0	0	0	0	0	0	3	295
FRM MO.	10	450	2	313	3	138	1	10	22	2032
FRM YTD	65	1848	18	1224	7	667	13	404	315	26075
TOT MO	19	546	10	836	3	138	11	28	308	4703
TOT YTD	845	4133	226	5730	52	1690	1810	2275	4938	55360

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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	3	1670	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	1	26
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	1	168
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	1	32	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	1	47	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	1	75
3507	0	0	0	0	0	0	0	0	0	0
3509	4	415	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	4	30	0	0	0	0	3	31	1	15
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	1	490	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	5	134
3532	0	0	0	0	0	0	1	18	2	18
3533	0	0	0	0	0	0	1	12	1	23
3538	4	756	0	0	0	0	0	0	0	0
3541	1	540	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	167	0	0	0	0	0	0	1	159
3546	3	417	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	19	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	4	471	0	0	0	0	31	87	0	0
4000	22	62	0	0	0	0	3	12	4	11
5000	74	50	1	2	62	37	18	8	30	33
CUT MO	121	5067	1	2	63	84	59	217	47	661
CUT YTD	1252	44326	309	1109	410	604	900	5213	706	7486
1011	0	0	0	0	0	0	0	5	0	80
3568	0	0	0	0	5	232	2	44	0	0
3569	10	5	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	8	0	0	0	0	0	0	1	12
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	1	378	0	0	0	0	1	10	1	68
3589	0	0	0	0	0	0	0	0	0	0
3590	9	565	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	1	2028	0	0	0	0	0	0	1	27
3598	13	263	0	0	0	0	9	359	2	89
FRM MO	35	3247	0	0	5	232	12	418	5	276
FRM YTD	419	41538	5	50	58	305	177	4751	63	4520
TOT MO	156	8314	1	2	68	316	71	635	52	937
TOT YTD	1671	85865	314	1159	468	909	1077	9964	769	12006

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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	1	218	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	7	71	0	0	0	0	0	0	0	0
3254	0	0	0	0	1	214	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	1	25
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	1	6	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	1	7	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	2	31	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	2	11	1	50	0	0	0	0
3532	0	0	0	0	0	0	1	4	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	2	20	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	6	24	0	0	2	10	0	0
3551	4	175	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	1	28	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	0	0
5000	0	0	3	4	113	73	0	0	0	0
CUT MO.	13	266	11	39	119	594	5	46	1	25
CUT YTD	291	7420	503	1804	1687	5890	59	200	5	51
1011	0	0	0	6	0	19	0	9	0	0
3568	0	0	3	100	0	0	0	0	0	0
3569	0	0	0	0	29	51	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	2	27	0	0	0	0	0	0
3575	0	0	8	216	6	81	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	1	50	0	0	0	0
3584	1	704	0	0	2	41	1	22	0	0
3588	1	207	1	30	1	19	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	17	171	0	0	0	0	0	0
3598	0	0	3	39	5	160	0	0	0	0
FRM MO	2	910	34	589	44	421	1	30	0	0
FRM YTD	58	4754	190	3205	379	5498	19	694	2	20
TOT MO.	15	1176	45	628	163	1015	6	76	1	25
TOT YTD	349	12174	693	5008	2066	11389	78	895	7	71

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

	EGYPT		REP S. AFR		OTH AFRICA	
674	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	1	10
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	7	50	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	122	93	0	0
CUT MO	0	0	129	143	1	10
CUT YTD	14	272	487	1047	44	251
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	1	3
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	1	22	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	1	5	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO	0	0	2	28	1	3
FRM YTD	83	586	69	1072	10	2979
TOT MO	0	0	131	171	2	12
TOT YTD	97	858	556	2119	54	3230

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
DECEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	5	924	0	73	5	997
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	1	4	0	0	1	4
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	47	41	0	0	47	41
PORTUGAL	0	0	10	292	10	292
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	53	969	10	365	63	1334
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	55	38	0	0	55	38
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	2	4	2	4
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	3	14	0	0	3	14
DOMINICAN REP	2	4	0	7	2	11
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	1	14	1	14
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	1	21	0	0	1	21
LW & WW IS	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	1	2	1	12	2	14
TRINIDAD	0	0	0	6	0	6
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	62	79	4	42	66	122
OTHER SOUTH AMERICA						
BOLIVIA	12	20	0	0	12	20
CHILE	0	0	0	0	0	0
ECUADOR	8	51	1	21	9	72
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	1	10	0	0	1	10
PARAGUAY	0	0	0	0	0	0
PERU	2	17	3	15	5	32
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	18	0	18
OTHER S. AM	0	0	0	0	0	0
TOTAL	23	99	4	53	27	152
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	1	25	0	0	1	25
TOTAL	1	25	0	0	1	25

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
DECEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	6	24	0	0	6	24
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	1	15	1	15
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	14	373	14	373
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	0	0	2	30	2	30
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	5	15	17	171	22	187
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	11	39	34	589	45	628
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	1	10	1	3	2	12
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	10	1	3	2	12

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' - DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING

A 8050-3

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

RELEASED: MARCH 25, 1988

		TOTAL UNITS	YTD $000
674	METAL CUTTING		
3020	Gear Hobbers & Shapers	59	7048
3045	Gear Cutting Machines, N.E.C.	113	30884
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	29	1734
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	5	739
3209	Horizontal Machining Centers, ATC, NC	24	6286
3211	Machining Centers, NC, N.E.C.	144	11815
3216	Single Station and Multi-Station Transfer Machines	23	14550
3225	Way Type Machines (Unit Heads)	13	2245
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	11	2212
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	9	1224
3247	Vertical Boring-Drilling-Milling Machines, NC	12	1159
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	73	2228
3254	Drilling Machines, NC	28	3235
3255	Drilling Machines, Multi-Spindle, Non-NC	46	2489
3256	Drilling Machines, Radial, Non-NC	41	433
3257	Drilling Machines, Upright, Single Spindle, Non-NC	14	246
3258	Drilling Machines, Non-NC, N.E.C.	195	4096
3264	Milling Machines, NC	82	19073
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	19	641
3267	Milling Machines, Knee Type, Non-NC	3	92
3268	Milling Machines, Bed Type, Non-NC	2	112
3269	Milling Machines, Non-NC, N.E.C.	224	4826
3276	Vertical Boring Machines, Incl. VTLs, NC	5	1331
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	140	9794
3281	Boring Machines, NC, N.E.C.	4	926
3283	Boring Machines, Non-NC, N.E.C.	77	5255
3503	Horizontal Lathes, Multi-Spindle, NC	17	2322
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	103	8383
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	26	3647
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	15	2947
3510	Horizontal Engine & Toolroom Lathes, Non-NC	74	1157
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	8	1063
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	19	1996
3515	Automatic Bar Machines, Single-Spindle, Non-NC	44	1439
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	49	1922
3518	Horizontal Lathes, Non-NC, N.E.C.	508	14973
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	6	1342
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	14	1401
3525	Vertical Lathes, Excl. VTLs, Non-NC	149	9149
3528	Grinding, Polishing, Honing & Lapping Machines, NC	188	31060
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	26	3568
3531	Tool & Cutter Grinding Machines, Non-NC	238	7976
3532	Honing & Lapping Machines, Non-NC	388	6852
3533	Grinding Machines, Flat Surface Reciprocating Table. Non-NC	117	1975
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	368	23366
3541	External Grinding Machines, Non-NC	41	4043
3542	Internal Grinding Machines, Non-NC	34	6310
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	188	10665
3546	Grinding Machines, Non-NC, N.E.C.	339	11480
3547	Traveling Wire Electrical Discharge Machines	17	258
3549	All Other Electrical Discharge Machines	139	3247
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	19	1065
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	52	1845
3559	Metal Cutting Machine Tools, NC, N.E.C.	75	5047
3565	Sawing & Cut-Off Machines, Non-NC	467	6961
3566	Broaching Machines, Non-NC	13	383
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	200	10218
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	5628	44557
5000	Metal Cutting Machine Tools, Less Than $2500**	28576	14664
	TOTAL CUTTING	39555	383545
674	METAL FORMING		
1011	Die Casting Machines & Parts	0	17651
3568	Metal Forming Machine Tools, Used Or Rebuilt	714	19121
3569	Metal Forming Machine Tools, Less Than $2500	7114	4217
3571	Punching & Shearing Machines, Incl. Combination, NC	71	8543
3573	Shearing Machines, Non-NC	85	3566
3575	Punching & Combination Punching & Shearing Machines, Non-NC	601	10398
3578	Bending, Folding, Straightening & Flattening Machines, NC	79	5019
3582	Press Brakes, Non-NC	38	1683
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	16	1085
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	726	25552
3588	Mechanical Presses	255	22889
3589	Hydraulic Presses, Vertical, Single Action	56	6733
3590	Hydraulic & Pneumatic Presses	759	41441
3594	Headers & Upsetters, Non-NC	90	15865
3595	Forging Machines, Non-NC, N.E.C.	190	8038
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	1130	75039
	TOTAL FORMING	11924	266881
	TOTAL ALL TYPES	51479	650426

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	2	54
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	4	348	0	0	2	252	0	0
3206	0	0	1	122	0	0	0	0	0	0
3209	0	0	0	0	0	0	5	604	0	0
3211	2	1145	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	1	121	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	1	50
3256	0	0	0	0	0	0	4	39	1	5
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	8	54	0	0
3264	0	0	0	0	0	0	3	566	0	0
3266	1	62	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	1	15	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	114	7456	0	0	0	0	0	0
3281	0	0	0	0	0	0	1	296	0	0
3283	0	0	1	170	0	0	1	12	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	23	1587	0	0	2	287	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	4	166
3515	0	0	0	0	0	0	0	0	2	20
3516	0	0	0	0	0	0	0	0	0	0
3518	4	50	0	0	0	0	1	395	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	7	380	0	0
3528	81	14626	0	0	5	514	0	0	0	0
3529	0	0	1	23	0	0	0	0	0	0
3531	0	0	3	20	0	0	3	173	0	0
3532	0	0	16	203	0	0	9	106	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	3	872	0	0	0	0	0	0	1	5
3541	0	0	0	0	0	0	1	28	0	0
3542	0	0	0	0	0	0	0	0	0	0
35[illegible]	0	0	0	0	0	0	0	0	4	309
3546	0	0	4	690	0	0	4	300	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	2	0	0	0	0	2	21	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	1	25	0	0	0	0
3559	1	68	0	0	0	0	0	0	1	30
3565	0	0	0	0	0	0	6	97	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	2	80	0	0	2	214	0	0	0	0
4000	0	0	8	233	1	20	42	2134	2	17
5000	14	9	528	519	10	6	140	69	22	13
CUT YTD	109	16913	704	11490	19	779	242	5828	40	668
1011	0	75	0	3	0	64	0	2722	0	0
3568	0	0	2	13	1	52	0	0	6	45
3569	12	10	220	56	6	6	254	85	1	2
3571	0	0	0	0	1	148	2	352	0	0
3573	2	7	0	0	0	0	0	0	1	12
3575	0	0	0	0	0	0	1	14	14	457
3578	0	0	0	0	0	0	1	25	2	32
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	133	1	382	2	53	12	1087	6	100
3588	0	0	1	11	0	0	5	486	2	123
3589	0	0	0	0	0	0	0	0	0	0
3590	2	52	1	62	1	15	14	321	2	321
3594	0	0	0	0	0	0	1	93	0	0
3595	0	0	0	0	0	0	0	0	1	33
3598	0	0	13	579	0	0	23	1222	1	215
FRM YTD	18	276	238	1105	11	338	313	6407	36	1338
TOT YTD	127	17189	942	12595	30	1117	555	12235	76	2007

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	4	1081	0	0	0	0	0	0	0	0
3045	6	2214	0	0	2	378	0	0	8	1231
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	770	0	0	0	0	0	0
3211	1	239	0	0	0	0	1	236	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	3	168	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	17	79	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	3	103	2	304
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	2	45	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	2	134	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	1	150	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	1	476	0	0	0	0	0	0	0	0
3512	2	141	0	0	0	0	0	0	0	0
3515	4	461	0	0	0	0	2	87	1	21
3516	0	0	0	0	0	0	1	81	0	0
3518	5	16	1	8	0	0	0	0	3	22
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	1	617	0	0	0	0
3525	6	1152	0	0	0	0	2	47	0	0
3528	4	863	0	0	0	0	0	0	2	679
3529	2	83	2	42	0	0	1	40	0	0
3531	4	138	0	0	7	1889	0	0	5	338
3532	28	331	17	185	0	0	8	138	5	67
3533	0	0	0	0	0	0	0	0	0	0
3538	4	387	1	120	2	522	0	0	5	329
3541	0	0	1	74	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	11	1236	4	112	0	0	3	189	0	0
3546	2	7	0	0	0	0	0	0	1	4
3547	0	0	0	0	0	0	0	0	0	0
3549	2	16	0	0	0	0	1	2	3	31
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	2	38	0	0	0	0	0	0
3565	4	96	11	103	0	0	1	20	0	0
3566	4	100	0	0	0	0	0	0	0	0
3567	2	79	1	26	0	0	0	0	0	0
4000	183	821	7	199	0	0	7	74	1	60
5000	1048	283	351	119	2	2	298	51	159	82
CUT YTD	1332	10519	401	1839	32	3637	328	1068	195	3168
1011	0	417	0	209	0	0	0	107	0	737
3568	9	50	0	0	0	0	0	0	7	17
3569	48	21	94	18	0	0	0	0	32	14
3571	0	0	1	183	0	0	0	0	0	0
3573	0	0	2	13	0	0	0	0	0	0
3575	14	220	2	41	0	0	1	165	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	1	20
3583	0	0	0	0	0	0	0	0	0	0
3584	13	325	7	180	0	0	16	1081	20	313
3588	3	165	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	4	243	9	376	0	0	1	39	4	624
3594	5	1405	0	0	1	325	3	190	1	269
3595	1	59	3	55	0	0	0	0	0	0
3598	17	2542	18	1696	0	0	1	132	14	1288
FRM YTD	114	5445	136	2770	1	325	22	1713	79	3282
TOT YTD	1446	15965	537	4609	33	3962	350	2780	274	6449

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	70	0	0	4	320	0	0
3045	0	0	1	109	0	0	30	7615	3	1272
3204	0	0	2	273	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	713	0	0	1	50	0	0
3211	0	0	1	34	0	0	6	313	0	0
3216	0	0	0	0	0	0	1	215	0	0
3225	0	0	0	0	0	0	1	149	0	0
3245	0	0	2	133	0	0	0	0	0	0
3246	0	0	1	105	0	0	1	105	0	0
3247	0	0	2	132	0	0	0	0	0	0
3248	0	0	1	50	0	0	0	0	0	0
3249	0	0	6	136	0	0	0	0	0	0
3254	0	0	1	377	0	0	12	574	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	4	88	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	12	184	0	0	6	509	0	0
3264	0	0	0	0	0	0	6	275	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	2	67	7	179	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	1	13	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	6	272	0	0	3	55	0	0
3503	0	0	8	681	0	0	0	0	0	0
3505	0	0	19	1000	0	0	7	673	0	0
3507	0	0	1	70	0	0	0	0	0	0
3509	0	0	1	219	0	0	0	0	0	0
3510	0	0	2	10	0	0	3	115	0	0
3511	0	0	0	0	0	0	3	115	0	0
3512	0	0	0	0	0	0	4	160	0	0
3515	0	0	3	43	0	0	1	132	0	0
3516	0	0	3	55	0	0	6	153	0	0
3518	2	12	20	1081	0	0	6	415	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	20	871	0	0	1	18	0	0
3528	10	1007	5	764	0	0	4	549	0	0
3529	0	0	0	0	0	0	4	681	0	0
3531	0	0	0	0	0	0	5	37	0	0
3532	33	377	11	125	0	0	91	1039	1	12
3533	0	0	0	0	0	0	1	12	0	0
3538	1	134	28	1316	0	0	4	585	0	0
3541	0	0	1	259	0	0	0	0	0	0
3542	0	0	7	1038	5	1875	4	945	0	0
3544	1	98	3	85	6	77	33	610	0	0
3546	0	0	11	459	0	0	17	587	2	15
3547	0	0	0	0	0	0	7	98	0	0
3549	0	0	4	106	0	0	0	0	0	0
3551	0	0	1	46	0	0	1	53	0	0
3553	1	21	1	7	0	0	0	0	0	0
3559	10	1573	2	442	1	188	0	0	0	0
3565	0	0	9	91	0	0	12	132	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	1	7	9	301	0	0	4	69	0	0
4000	27	396	143	1827	2	8	160	1310	1	75
5000	422	182	3134	1191	0	0	1101	879	0	0
CUT YTD	510	3874	3495	14950	14	2147	1550	19546	7	1374
1011	0	945	0	833	0	0	0	369	0	0
3568	0	0	25	274	0	0	32	375	0	0
3569	9	8	123	79	0	0	448	240	0	0
3571	3	351	13	1025	0	0	0	0	0	0
3573	0	0	1	262	0	0	2	69	0	0
3575	7	154	27	462	0	0	29	616	2	125
3578	0	0	1	17	0	0	6	315	0	0
3582	0	0	0	0	0	0	1	42	0	0
3583	0	0	0	0	0	0	1	27	0	0
3584	0	0	24	743	0	0	48	1894	2	45
3588	0	0	19	2429	0	0	0	0	0	0
3589	0	0	1	61	0	0	3	74	0	0
3590	0	0	32	1529	36	1042	16	1541	0	0
3594	2	241	0	0	0	0	32	5778	0	0
3595	0	0	13	698	0	0	6	120	0	0
3598	3	123	43	1560	0	0	18	1038	2	7
FRM YTD	24	1823	322	9972	36	1042	642	12498	6	177
TOT YTD	534	5697	3817	24922	50	3189	2192	32044	13	1551

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	8	806	2	176	0	0	0	0
3045	0	0	23	3878	6	552	0	0	0	0
3204	0	0	0	0	2	225	0	0	1	112
3206	0	0	3	455	1	163	0	0	0	0
3209	0	0	11	3280	1	82	0	0	0	0
3211	0	0	29	1865	11	738	1	70	1	77
3216	0	0	9	2057	9	6671	0	0	0	0
3225	0	0	5	701	6	1292	0	0	0	0
3245	0	0	3	452	0	0	0	0	0	0
3246	0	0	1	105	0	0	0	0	0	0
3247	0	0	5	657	0	0	0	0	0	0
3248	0	0	1	37	0	0	0	0	0	0
3249	0	0	29	453	6	920	0	0	0	0
3254	0	0	1	23	3	101	0	0	0	0
3255	0	0	20	990	9	655	1	36	0	0
3256	1	15	2	23	8	62	0	0	0	0
3257	0	0	6	199	7	34	1	14	0	0
3258	0	0	11	406	58	900	22	196	4	207
3264	0	0	25	3274	17	4478	0	0	0	0
3266	0	0	2	57	14	465	0	0	0	0
3267	0	0	3	92	0	0	0	0	0	0
3268	0	0	1	32	0	0	0	0	0	0
3269	1	34	9	319	49	1321	12	196	2	78
3276	0	0	2	303	0	0	0	0	0	0
3277	0	0	5	1152	11	207	0	0	0	0
3281	0	0	1	300	0	0	0	0	0	0
3283	0	0	4	178	35	2727	0	0	0	0
3503	0	0	2	301	4	740	0	0	0	0
3505	0	0	24	2333	2	149	0	0	5	388
3507	0	0	14	1344	1	328	0	0	0	0
3509	0	0	6	1226	1	271	0	0	0	0
3510	0	0	29	423	21	263	5	44	1	36
3511	0	0	2	300	2	171	0	0	0	0
3512	0	0	0	0	3	341	0	0	0	0
3515	0	0	8	58	13	232	0	0	0	0
3516	0	0	35	1190	2	339	0	0	0	0
3518	1	18	44	1210	279	5414	8	96	2	150
3521	0	0	2	533	0	0	0	0	0	0
3523	0	0	1	35	1	81	0	0	0	0
3525	1	24	28	2081	31	994	0	0	0	0
3528	0	0	17	2755	4	160	0	0	0	0
3529	0	0	5	621	1	8	0	0	0	0
3531	5	66	118	1287	36	1241	0	0	2	99
3532	5	57	28	1111	17	290	0	0	6	234
3533	0	0	36	513	5	122	0	0	0	0
3538	0	0	11	3397	49	1037	5	103	0	0
3541	0	0	17	1113	6	248	0	0	0	0
3542	0	0	3	425	3	78	0	0	0	0
3544	0	0	11	168	20	492	0	0	0	0
3546	0	0	68	1607	79	1878	12	320	0	0
3547	1	12	7	121	0	0	0	0	0	0
3549	1	3	35	205	16	589	15	141	0	0
3551	0	0	3	147	0	0	0	0	0	0
3553	0	0	1	20	12	165	1	16	1	11
3559	1	378	51	1576	3	100	0	0	0	0
3565	0	0	129	1480	190	2194	2	7	0	0
3566	0	0	0	0	3	86	0	0	1	103
3567	1	4	45	1584	43	2491	8	278	0	0
4000	37	2694	503	5053	2393	11773	223	467	6	105
5000	431	257	5370	4173	1569	884	508	253	61	17
CUT YTD	486	3562	6872	60481	5064	54926	824	2238	93	1616
1011	0	237	0	3469	0	2592	0	502	0	0
3568	1	68	64	586	279	3143	22	107	0	0
3569	96	19	3918	2204	667	825	69	65	7	8
3571	1	173	24	3431	1	112	0	0	0	0
3573	0	0	26	1021	3	20	1	3	3	390
3575	0	0	117	1649	102	1182	14	290	1	24
3578	12	1348	7	185	16	946	0	0	0	0
3582	0	0	22	578	4	124	0	0	0	0
3583	0	0	1	35	6	355	1	20	0	0
3584	49	1639	228	5876	117	3871	7	232	7	270
3588	0	0	22	963	91	3408	4	128	2	226
3589	0	0	9	1111	15	856	0	0	0	0
3590	13	811	37	8549	351	5759	10	121	0	0
3594	0	0	11	414	9	77	1	10	0	0
3595	0	0	83	896	28	751	8	63	0	0
3598	2	82	141	7009	300	10105	2	9	0	0
FRM YTD	174	4377	4710	37976	1989	34126	139	1550	20	916
TOT YTD	660	7940	11582	98458	7053	89052	963	3787	113	2532

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

	BRAZIL		COLOMBIA		VENEZUELA		OTH S AM		CHINA	
674.	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	3	305	0	0	0	0	4	295	1	197
3045	3	1256	0	0	3	540	0	0	12	4523
3204	15	383	0	0	0	0	1	32	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	2	340	0	0	0	0	0	0
3211	1	202	2	114	2	135	3	185	1	186
3216	1	230	0	0	0	0	0	0	1	3235
3225	0	0	0	0	0	0	0	0	0	0
3245	3	945	0	0	0	0	0	0	2	562
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	1	66	0	0	0	0
3248	0	0	0	0	3	85	0	0	10	1337
3249	10	211	6	252	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	1	30	0	0	6	200	0	0	0	0
3256	0	0	0	0	0	0	0	0	2	40
3257	0	0	0	0	0	0	0	0	0	0
3258	7	131	9	59	0	0	23	125	2	192
3264	6	4155	3	96	0	0	0	0	3	206
3266	1	21	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	1	80	0	0	0	0	0	0	0	0
3269	2	169	0	0	66	548	4	35	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	3	106	0	0
3281	0	0	0	0	0	0	0	0	1	245
3283	2	165	0	0	0	0	6	607	0	0
3503	0	0	0	0	0	0	0	0	1	389
3505	1	182	1	85	2	91	0	0	3	395
3507	0	0	0	0	0	0	0	0	6	1540
3509	0	0	0	0	0	0	0	0	0	0
3510	1	16	0	0	0	0	0	0	7	139
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	13	105	9	91	2	88	13	314
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	1	40	7	317	0	0	2	251
3525	2	25	8	293	0	0	0	0	2	701
3528	7	1403	1	75	1	135	0	0	15	2052
3529	0	0	0	0	0	0	1	10	0	0
3531	3	587	0	0	0	0	0	0	1	200
3532	2	13	0	0	0	0	1	4	39	1089
3533	4	547	0	0	0	0	0	0	3	37
3538	12	1440	2	10	3	118	4	77	1	82
3541	2	528	0	0	0	0	0	0	0	0
3542	3	747	0	0	0	0	0	0	1	217
3544	7	681	0	0	0	0	2	29	7	1216
3546	3	172	0	0	1	11	8	151	2	247
3547	0	0	0	0	0	0	0	0	0	0
3549	1	33	0	0	1	76	0	0	1	30
3551	0	0	1	99	0	0	0	0	0	0
3553	0	0	1	85	5	72	3	27	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	1	19	0	0	9	306
3566	0	0	0	0	0	0	1	9	0	0
3567	1	31	0	0	2	84	1	44	1	214
4000	51	871	151	692	486	2735	68	413	236	1704
5000	180	67	49	49	722	351	211	172	480	249
CUT YTD	336	15625	250	2396	1321	5674	346	2409	865	22092
1011	0	64	0	13	0	160	0	120	0	12
3568	27	1349	5	58	97	2942	2	26	56	3343
3569	0	0	31	27	42	26	312	70	0	0
3571	0	0	0	0	1	174	0	0	1	37
3573	0	0	0	0	0	0	0	0	1	17
3575	18	488	1	11	8	102	0	0	1	15
3578	3	383	0	0	10	158	1	13	11	762
3582	1	397	1	49	0	0	0	0	1	143
3583	0	0	0	0	0	0	0	0	2	50
3584	41	1754	2	23	9	533	6	43	9	1055
3588	1	349	3	76	3	651	0	0	3	201
3589	1	448	1	42	0	0	2	52	2	1978
3590	7	159	1	194	29	1518	4	247	9	190
3594	6	1122	2	285	1	856	0	0	0	0
3595	2	221	0	0	2	37	0	0	0	0
3598	74	2560	2	93	26	804	5	66	58	12631
FRM YTD	181	9295	49	870	228	7960	332	637	154	20431
TOT YTD	517	24919	299	3265	1549	13634	678	3045	1019	42524

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	7	169	9	1741	0	0	0	0	9	677
3045	0	0	0	0	0	0	0	0	3	924
3204	1	67	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	1	38
3211	4	269	1	94	0	0	1	158	64	4913
3216	0	0	0	0	0	0	1	327	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	1	330	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	3	138
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	1	6	0	0	7	165	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	1	50	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	45	0	0	0	0	0	0	2	20
3264	0	0	0	0	1	87	1	342	4	440
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	2	53	0	0	21	300	0	0	15	282
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	1	85	0	0	0	0
3283	0	0	0	0	0	0	0	0	1	79
3503	0	0	0	0	0	0	0	0	2	211
3505	0	0	0	0	0	0	0	0	2	316
3507	0	0	0	0	0	0	0	0	3	235
3509	0	0	0	0	0	0	0	0	1	596
3510	0	0	0	0	0	0	1	24	2	55
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	4	938	0	0	1	190	1	61
3515	0	0	2	90	0	0	0	0	1	122
3516	0	0	0	0	0	0	0	0	2	104
3518	5	62	0	0	0	0	0	0	11	1031
3521	0	0	1	119	0	0	0	0	1	450
3523	0	0	0	0	0	0	0	0	0	0
3525	5	488	1	137	0	0	1	126	1	36
3528	0	0	0	0	0	0	0	0	24	3765
3529	0	0	1	25	0	0	0	0	7	1787
3531	1	3	1	126	0	0	0	0	6	156
3532	5	93	3	83	0	0	1	53	6	377
3533	11	65	0	0	0	0	0	0	5	162
3538	0	0	2	46	0	0	2	48	94	3475
3541	0	0	0	0	0	0	0	0	6	338
3542	0	0	1	286	1	177	0	0	4	320
3544	3	323	1	200	0	0	1	15	17	2155
3546	25	77	7	98	0	0	2	5	7	200
3547	0	0	2	27	0	0	0	0	0	0
3549	7	84	1	14	0	0	1	2	8	855
3551	0	0	0	0	0	0	0	0	1	66
3553	0	0	0	0	1	20	0	0	17	1232
3559	0	0	0	0	0	0	0	0	1	58
3565	4	78	1	20	3	292	3	44	34	1269
3566	0	0	0	0	0	0	4	85	0	0
3567	0	0	1	18	0	0	1	15	3	288
4000	10	154	1	12	1	3	0	0	56	984
5000	689	254	166	97	15	9	1769	274	4198	1073
CUT YTD	780	2285	208	4506	45	1023	1797	1872	4623	29286
1011	0	270	0	119	0	0	0	0	0	70
3568	2	148	4	59	0	0	0	0	1	107
3569	28	16	2	3	2	3	1	2	76	103
3571	1	179	0	0	0	0	0	0	6	582
3573	0	0	0	0	0	0	0	0	4	93
3575	9	123	5	75	0	0	2	80	21	881
3578	0	0	0	0	0	0	0	0	1	137
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	2	25
3584	4	84	1	37	0	0	1	4	30	660
3588	4	174	1	252	1	437	1	80	16	4214
3589	0	0	1	44	0	0	0	0	11	235
3590	2	253	2	93	0	0	5	112	85	6645
3594	0	0	1	530	0	0	1	33	9	3840
3595	1	6	0	0	1	135	0	0	2	380
3598	14	595	1	13	3	93	2	95	51	8105
FRM YTD	65	1848	18	1224	7	667	13	404	315	26075
TOT YTD	845	4133	226	5730	52	1690	1810	2275	4938	55360

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

	KOREAN REP		PAKISTAN		S ARABIA		SINGAPORE		TAIWAN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	5	1158	0	0	0	0	0	0	0	0
3045	12	6176	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	3	393	0	0	0	0	0	0	3	140
3216	1	1815	0	0	0	0	0	0	0	0
3225	1	104	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	5	580	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	1	168
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	2	59	3	360
3255	8	527	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	1	32	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	3	147	0	0	8	84	2	43	3	8
3264	4	1253	0	0	0	0	4	333	4	1715
3266	0	0	0	0	0	0	0	0	1	37
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	22	822	0	0	0	0	3	229	2	37
3276	2	656	0	0	0	0	0	0	0	0
3277	2	710	0	0	0	0	0	0	1	86
3281	0	0	0	0	0	0	0	0	0	0
3283	12	680	0	0	0	0	0	0	1	185
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	7	537
3507	0	0	0	0	0	0	0	0	0	0
3509	4	415	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	21
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	1	33	0	0	0	0	0	0	3	105
3516	0	0	0	0	0	0	0	0	0	0
3518	60	3937	0	0	4	42	10	234	2	171
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	10	806	0	0	0	0	11	355	1	53
3528	5	1394	0	0	0	0	0	0	3	319
3529	0	0	0	0	0	0	1	250	0	0
3531	14	470	0	0	1	10	1	38	11	482
3532	13	390	0	0	1	8	6	79	9	92
3533	1	82	0	0	0	0	2	102	49	335
3538	105	7077	0	0	0	0	7	538	7	482
3541	3	1270	0	0	0	0	2	91	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	15	2171	0	0	0	0	29	133	8	347
3546	55	3799	0	0	0	0	5	84	1	193
3547	0	0	0	0	0	0	0	0	0	0
3549	10	241	0	0	0	0	5	125	2	299
3551	0	0	0	0	0	0	0	0	0	0
3553	2	101	0	0	4	37	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	3	50	5	87	1	5	6	65	5	128
3566	0	0	0	0	0	0	0	0	0	0
3567	26	3684	0	0	0	0	31	87	9	451
4000	153	2990	271	980	8	123	64	1929	23	494
5000	692	396	33	43	383	296	708	409	546	243
CUT YTD	1252	44326	309	1109	410	604	900	5213	706	7486
1011	0	415	0	0	0	15	0	223	0	2160
3568	25	5287	0	0	6	274	18	405	0	0
3569	42	23	0	0	52	16	101	33	2	4
3571	0	0	0	0	0	0	2	505	0	0
3573	10	673	0	0	0	0	2	450	0	0
3575	23	678	0	0	0	0	10	138	10	362
3578	3	355	0	0	0	0	1	124	0	0
3582	1	124	0	0	0	0	0	0	3	33
3583	0	0	0	0	0	0	0	0	0	0
3584	6	241	0	0	0	0	6	548	20	280
3588	16	4136	5	50	0	0	19	1248	15	1123
3589	8	1759	0	0	0	0	0	0	0	0
3590	44	7732	0	0	0	0	5	87	4	224
3594	1	257	0	0	0	0	0	0	2	113
3595	17	3946	0	0	0	0	0	0	1	27
3598	223	15912	0	0	0	0	13	989	6	196
FRM YTD	419	41538	5	50	58	305	177	4751	63	4520
TOT YTD	1671	85865	314	1159	468	909	1077	9964	769	12006

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	1	218	0	0	0	0
3204	0	0	0	0	1	42	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	1	409	0	0	0	0	0	0	0	0
3211	3	249	0	0	3	60	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	7	71	0	0	0	0	1	14	0	0
3254	1	163	0	0	2	1411	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	2	96	1	31	3	98	0	0	0	0
3264	1	1853	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	43	1	56	0	0	1	25
3276	1	371	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	4	102	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	1	89	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	3	36	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	1	7	0	0	0	0
3521	0	0	1	154	1	86	0	0	0	0
3523	1	62	0	0	0	0	0	0	0	0
3525	0	0	0	0	8	518	3	44	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	1	310	3	49	7	259	0	0	0	0
3532	0	0	1	14	4	42	1	4	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	3	572	1	198	9	334	1	15	0	0
3541	0	0	1	85	0	0	0	0	0	0
3542	0	0	0	0	2	202	0	0	0	0
3544	2	20	0	0	0	0	0	0	0	0
3546	1	37	6	408	5	34	9	73	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	74	7	80	12	209	2	10	0	0
3551	12	654	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	2	598	0	0	0	0
3565	18	263	3	17	6	82	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	4	133	2	36	0	0	0	0
4000	200	2191	26	154	48	534	5	15	1	20
5000	36	27	448	438	1561	838	37	25	3	6
CUT YTD	291	7420	503	1804	1687	5890	59	200	5	51
1011	0	0	0	97	0	445	0	97	0	0
3568	2	4	4	105	5	222	1	8	0	0
3569	17	9	88	52	286	146	0	0	0	0
3571	0	0	6	437	6	703	1	100	0	0
3573	21	190	2	27	3	319	0	0	0	0
3575	4	237	34	994	33	372	11	88	0	0
3578	1	102	1	34	1	48	0	0	0	0
3582	3	173	0	0	0	0	0	0	0	0
3583	0	0	0	0	1	50	0	0	0	0
3584	3	768	11	334	8	251	1	22	2	20
3588	4	1554	11	205	2	37	0	0	0	0
3589	0	0	0	0	1	46	1	28	0	0
3590	0	0	12	382	13	2138	0	0	0	0
3594	0	0	0	0	1	29	0	0	0	0
3595	0	0	17	171	3	145	0	0	0	0
3598	3	1717	4	366	16	550	4	352	0	0
FRM YTD	58	4754	190	3205	379	5498	19	694	2	20
TOT YTD	349	12174	693	5008	2066	11389	78	895	7	71

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
DECEMBER 1987

	EGYPT		REP. S. AFR		OTH. AFRICA	
674	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	3	156	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	1	18
3276	0	0	0	0	0	0
3277	0	0	0	0	1	20
3281	0	0	0	0	0	0
3283	0	0	0	0	1	25
3503	0	0	0	0	0	0
3505	0	0	2	137	0	0
3507	0	0	1	131	0	0
3509	0	0	0	0	1	70
3510	0	0	0	0	1	10
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	2	5	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	21	236	0	0
3533	0	0	0	0	0	0
3538	1	50	0	0	0	0
3541	1	12	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	1	19	1	4	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	1	5
3559	0	0	0	0	0	0
3565	0	0	0	0	1	16
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	3	26	17	210	3	60
5000	3	4	445	329	34	28
CUT YTD	14	272	487	1047	44	251
1011	0	27	0	65	0	0
3568	0	0	10	50	1	5
3569	0	0	28	26	0	0
3571	0	0	0	0	1	50
3573	0	0	0	0	1	3
3575	80	358	0	0	0	0
3578	0	0	0	0	1	34
3582	0	0	0	0	0	0
3583	1	28	1	495	0	0
3584	1	10	1	22	3	642
3588	1	164	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	3	25	1	40
3594	0	0	0	0	0	0
3595	0	0	0	0	1	294
3598	0	0	26	388	1	1911
FRM YTD	83	586	69	1072	10	2979
TOT YTD	97	858	556	2119	54	3230

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
DECEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	7	1261	21	1983	28	3244
CYPRUS	2	49	0	0	2	49
CZECHOSLOVAKIA	0	0	2	98	2	98
EAST GERMANY	0	0	0	0	0	0
FINLAND	21	529	30	422	51	951
GIBRALTAR	0	0	0	0	0	0
GREECE	2	7	68	84	70	91
HUNGARY	19	1069	0	0	19	1069
ICELAND	22	15	0	3	22	18
MALTA	1	24	0	0	1	24
NORWAY	374	336	28	932	402	1269
PORTUGAL	5	197	25	856	30	1053
ROMANIA	33	75	0	0	33	75
OTHER EUROPE	0	0	0	0	0	0
TOTAL	486	3562	174	4377	660	7940
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	59	41	3	23	62	63
BARBADOS	2	5	0	0	2	5
BELIZE	285	44	0	0	285	44
BERMUDA	4	75	4	26	8	102
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	80	530	40	107	120	637
DOMINICAN REP	97	114	32	153	129	267
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	83	216	11	277	94	492
HAITI	1	14	18	54	19	68
HONDURAS	42	296	9	165	51	461
JAMAICA	32	93	7	47	39	140
LW & WW IS	3	21	0	0	3	21
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	5	146	0	0	5	146
PANAMA	33	488	8	416	41	905
SALVADOR	67	90	2	217	69	307
TRINIDAD	30	58	5	65	35	123
TURK ISLAND	1	7	0	0	1	7
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	824	2238	139	1550	963	3787
OTHER SOUTH AMERICA						
BOLIVIA	19	36	0	0	19	36
CHILE	150	765	12	363	162	1128
ECUADOR	114	716	300	161	414	877
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	1	10	0	0	1	10
PARAGUAY	10	127	0	0	10	127
PERU	47	713	18	68	65	781
SURINAM	1	7	0	0	1	7
URAGUAY	4	36	2	44	6	80
OTHER S. AM	0	0	0	0	0	0
TOTAL	346	2409	332	637	678	3045
OTHER OCEANIA						
FR. PAC. IS	0	0	2	20	2	20
NEW GUINEA	3	6	0	0	3	6
SAMOA	0	0	0	0	0	0
TERR. PAC. IS	0	0	0	0	0	0
OTH. PAC. IS	1	20	0	0	1	20
OTHER OCEANIA	1	25	0	0	1	25
TOTAL	5	51	2	20	7	71

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
DECEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	46	31	1	34	47	65
BAHRAIN	0	0	1	10	1	10
BANGALDESH	11	12	0	0	11	12
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	6	24	0	0	6	24
IRAQ	3	6	0	0	3	6
JORDAN	88	28	0	0	88	28
KUWAIT	36	236	5	42	41	278
LEBANON	0	0	0	0	0	0
MALAYSIA	26	443	85	1516	111	1958
NEPAL	0	0	0	0	0	0
OMAN	18	13	0	0	19	13
PHILIPPINES	135	665	51	168	186	833
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	134	348	47	1434	181	1781
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	503	1804	190	3205	693	5008
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	2	75	2	2205	4	2280
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0		0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	2	242	2	242
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	2	18	0	0	2	18
KENYA	1	25	0	0	1	25
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	1	2	0	0	1	2
MOROCCO	0	0	2	450	2	450
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	19	80	1	5	20	85
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S W AFRICA	6	10	0	0	6	10
SUDAN	1	10	1	3	2	12
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	1	40	1	40
TOGO	0	0	0	0	0	0
TUNISIA	0	0	1	34	1	34
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	1	20	0	0	1	20
ZIMBABWE	11	11	0	0	11	11
OTH WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	44	251	10	2979	54	3230

SOURCE U S DEPARTMENT OF COMMERCE CENSUS REPORT NO (EM522) NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1)'0-' - DOLLAR AMOUNT LESS THAN $500 2)N E C - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING

7/26/88 A8050-3 A

REPORT

NMTBA
The Association For
Manufacturing Technology

Direct Dial: (703)827-5260

STATISTICAL

No. 95-88 July 22, 1988

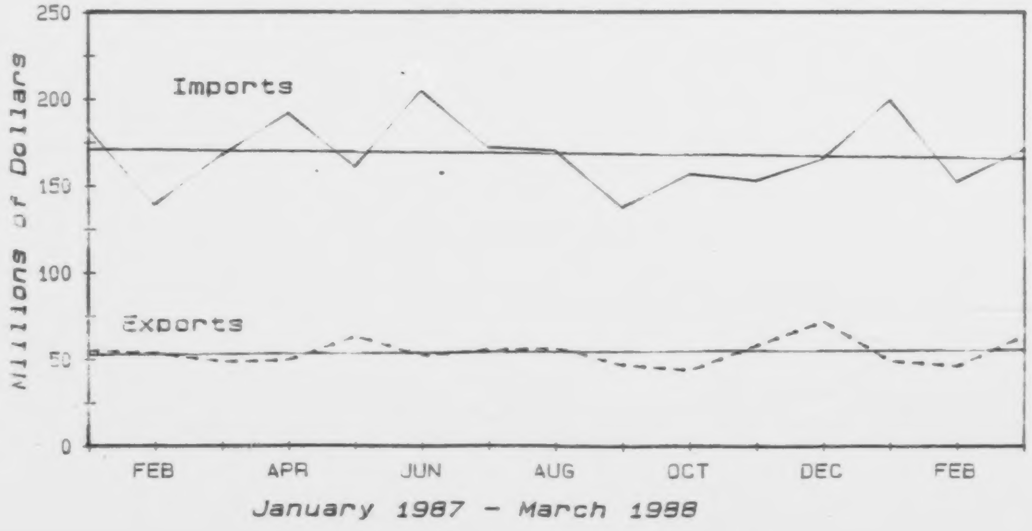
U.S. FOREIGN TRADE IN MACHINE TOOLS FIRST QUARTER 1988

U.S. exports of machine tools increased 2% from their first quarter 1987 level of $155.9 million rising, to $158.8 million for the first quarter of 1988. Exports were, however, 8% below their fourth quarter of 1987 total. U.S. imports, at $521.4 million, were up 7% from their first quarter 1987 level and 10% above imports in the previous quarter. These changes combined to produce a trade deficit of $362.6 million for the first quarter of 1988. This is 9% above the deficit for the first quarter of 1987 and 21% above that of the previous quarter.

First Quarter 1988
($Millions)

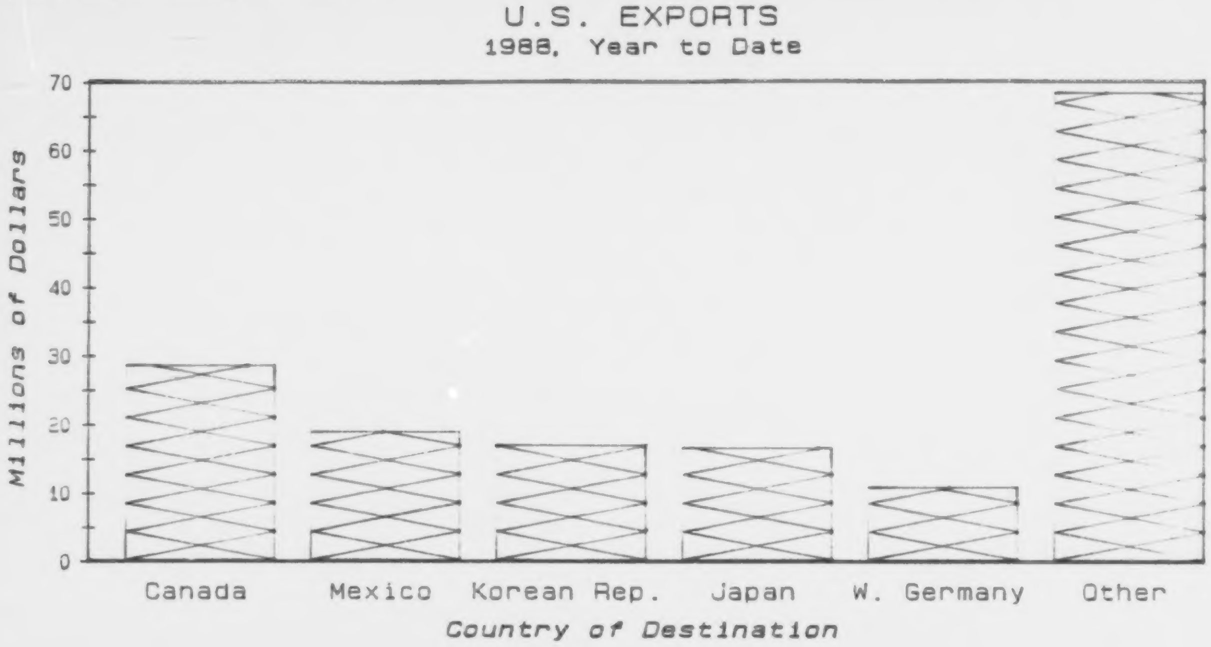
1st Qtr. 1988	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 86.8	$ 394.1	($ 307.3)
Metal Forming	$ 72.0	$ 127.4	($ 55.4)
Total	$ 158.8	$ 521.4	($ 362.6)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals

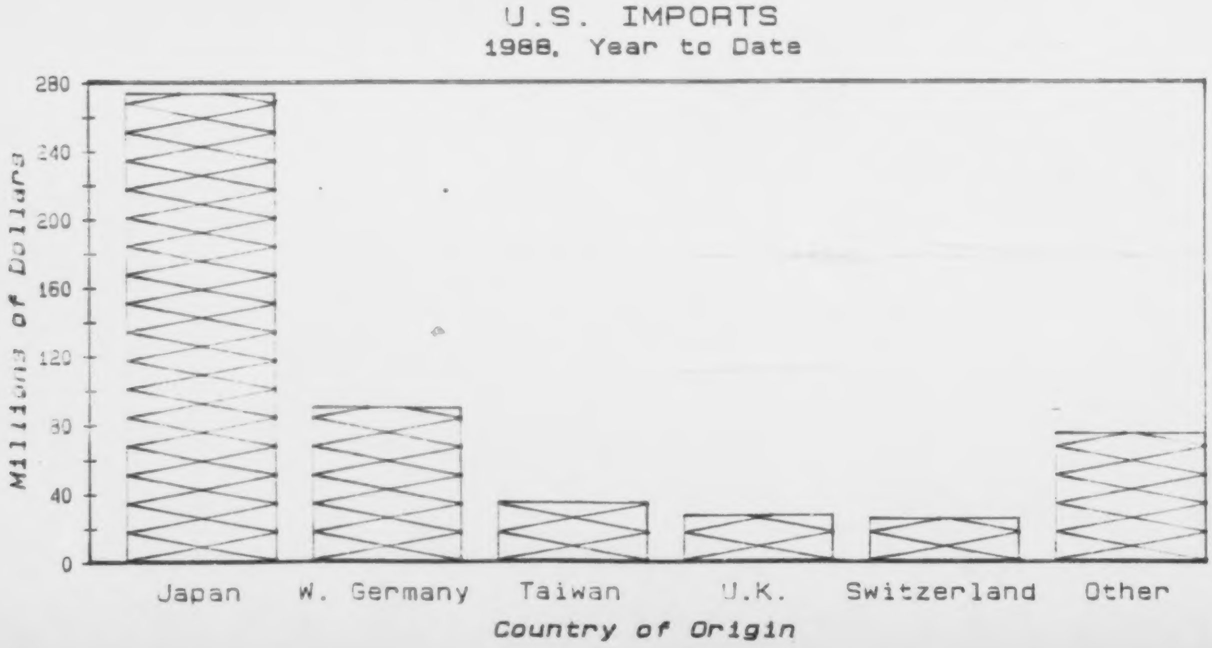


January 1987 - March 1988

U.S. Exports of metal cutting and metal forming machine tools during the first quarter of 1988 totaled $86.8 million and $72.0 million, respectively. These totals represent a 2% increase in both metal cutting and metal forming exports over the first quarter 1987. Compared to last quarter, exports of metal cutting machines declined 15% while metal forming exports rose 2%. For the first three months of 1988, the leading export markets were (in millions): Canada ($28.4), Mexico ($18.7), Korean Republic ($16.7), Japan ($16.3) and West Germany ($10.6).



U.S. Imports of metal cutting machine tools rose 2% from the first quarter of 1987 and increased 19% from last quarter to stand at $394.1 million for the current period. Compared to the first quarter of 1987, metal forming machine tool imports increased 24% to $127.4 million for the current period. Metal forming imports fell 10% from last quarter. Leading exporters of machine tools to the U.S. during the first quarter of 1988 were (in millions): Japan ($272.7), West Germany ($89.6), Taiwan ($33.9), United Kingdom ($26.4) and Switzerland ($24.4).



SPECIAL ADDENDUM

Revision to U.S. Imports of Machine Tools 1987

We have been advised by the U.S. Department of Commerce that there was an error in the October monthly totals for metal cutting machine tools. Imports from Japan in TSUS code 674:3418 "Horizontal Boring-Drilling-Milling Machines, NC, N.E.C." were originally reported as 46 units valued at $1,891,000. This should be changed to 4 units at the same dollar value. Revised year-to-date totals for this category should read as follows:

1987 TOTALS

	Units
3418 - Japan	37
3418 - Total	61
Total Cutting	1,124,000
Total All Types	1,159,657

Verification of U.S. Imports of Machine Tools 1988

In the course of compiling the March 1988 year-to-date data, the average values for two codes appeared to be unusually high. These are 3529 for West Germany and 3598 for Japan. The high overall per unit values are explained through the listing below. This data has been verified by the U.S. Department of Commerce.

Month	Code 674:		Country	Unit	Value $000
Jan. 88	3529	Tool & Cutter Grinding , Non-NC	W. Germany	2	$11,551
Feb. 88	3598	Forging Machines, Non-NC, N.E.C.	Japan	1	$9,220

ES, I1, I2

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U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MARCH 1988

RELEASED: JULY 22, 1988

		TOTAL UNITS	YTD. $000
674:	METAL CUTTING		
3025	Gear Hobbers	20	3816
3035	Gear Shapers	5	1074
3045	Gear Cutting Machines, N.E.C.	15	1108
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	509	37267
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	24	2489
3409	Horizontal Machining Centers, ATC, NC	224	29879
3411	Machining Centers, NC, N.E.C.	99	28278
3412	Single Station and Multi-Station Transfer Machines	27	9164
3413	Way Type Machines, (Unit Heads)	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	1	758
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	22	2366
3419	Vertical Boring-Drilling-Milling Machines, NC	31	2431
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	1	200
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	45	2362
3328	Drilling Machines, NC	57	2545
3329	Drilling Machines, Multi-Spindle, Non-NC	26	231
3334	Drilling Machines, Radial, Non-NC	30	240
3336	Drilling Machines, Upright, Single Spindle, Non-NC	41	272
3342	Drilling Machines, Non-NC, N.E.C.	146	6584
3464	Milling Machines, NC	83	10502
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	7	151
3467	Milling Machines, Knee Type, Non-NC	816	4590
3468	Milling Machines, Bed Type, Non-NC	90	4427
3469	Milling Machines, Non-NC, N.E.C.	626	8091
3476	Vertical Boring Machines, Incl. VTL's, NC	6	1260
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	19	1072
3481	Boring Machines, NC, N.E.C.	4	907
3483	Boring Machines, Non-NC N.E.C.	104	2794
3504	Horizontal Lathes, Multi-Spindle, NC	38	4670
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	798	51144
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	112	13709
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	10	1378
3512	Horizontal Engine & Toolroom Lathes, Non-NC	610	5622
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	2	143
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	3	660
3515	Automatic Bar Machines, Single Spindle, Non-NC	53	1599
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	31	1227
3518	Horizontal Lathes, Non-NC, N.E.C.	50	957
3505	Vertical Lathes, Multi-Spindle, NC	19	1309
3519	Vertical Lathes, NSPF, NC	45	2978
3522	Vertical Lathes, Excl. VTL's, Non-NC	227	4415
3527	Gear Tooth Grinding & Finishing Machines	171	9059
3528	Tool & Cutter Grinding Machines, NC	14	981
3529	Tool & Cutter Grinding Machines, Non-NC	359	17309
3533	Honing & Lapping Machines	89	6236
3539	Grinding Machines, Flat Surface, NC	13	802
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	122	1773
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	655	6958
3546	Grinding & Polishing Machines, NC, N.E.C.	53	5575
3554	External Grinding Machines, Non-NC	121	3636
3556	Internal Grinding Machines, Non-NC	11	774
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	57	1307
3559	Grinding Machines, Non-NC, N.E.C.	359	9245
3562	Traveling Wire Electrical Discharge Machines	246	15318
3564	All Other Electrical Discharge Machines	88	5307
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	27	3047
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	291	1563
3576	Metal Cutting Machines Tools, NC, N.E.C.	93	3426
3577	Sawing & Cut-Off Machines, Non-NC	414	7631
3578	Broaching Machines, Non-NC	16	557
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	376	9718
4000	Metal Cutting Machine Tools, Used or Rebuilt*	565	6346
5000	Metal Cutting Machine Tools, Less Than $2500**	225290	22853
	TOTAL CUTTING	234506	394078
674:	METAL FORMING		
1010	Die Casting Machines	123	11504
3582	Metal Forming Machine Tools, Used or Rebuilt	204	1864
3583	Metal Forming Machine Tools, Less Than $2500	7208	3028
3584	Punching and Shearing Machines, Incl. Combination, NC	99	9200
3586	Shearing Machines, Non-NC	172	3189
3587	Punching & Combination Punching & Shearing Machines, Non-NC	124	2961
3588	Bending, Folding, Straightening & Flattening Machines, NC	88	3673
3589	Press Brakes, Non-NC	168	3773
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	24	398
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	266	8219
3593	Metal Forming Machine Tools, NC, N.E.C.	16	17870
3594	Mechanical Presses, Non-NC	160	22069
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	19	985
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	217	10474
3597	Headers & Upsetters, Non-NC	12	1139
3598	Forging Machines, Non-NC, N.E.C.	33	10557
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	747	16471
	TOTAL FORMING	9680	127368
	TOTAL ALL TYPES	244186	521446

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MARCH 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	4	574	0	0	0	0	0	0
3404	0	0	0	0	0	0	5	350	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	18	340	0	0	1	352	2	115
3412	0	0	0	0	0	0	0	0	2	565
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	9	1877
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	1	11	1	9	20	140
3464	0	0	0	0	0	0	0	0	11	1078
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	3	98	0	0
3469	3	17	0	0	0	0	5	433	14	523
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	12	686
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	35	369
3504	0	0	0	0	0	0	0	0	1	19
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	7	20	8	58
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	6	1260
3522	88	1004	0	0	0	0	0	0	4	109
3527	0	0	0	0	0	0	0	0	2	185
3528	0	0	0	0	0	0	0	0	5	143
3529	1	67	0	0	0	0	10	89	1	10
3533	0	0	0	0	0	0	0	0	12	58
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	28	320
3543	17	146	0	0	0	0	0	0	2	67
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	1	332
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	7	267
3559	0	0	2	10	57	374	17	134	44	384
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	8	128	0	0
3577	0	0	0	0	0	0	6	139	23	174
3578	0	0	0	0	0	0	0	0	1	108
3579	1	19	2	35	0	0	0	0	6	369
4000	1	1	3	34	0	0	6	34	42	388
5000	833	453	173	48	124	111	1186	565	2495	424
CUT YTD	944	1707	202	1041	182	496	1255	2351	2793	10028
1010	0	0	0	0	0	0	0	0	26	435
3582	0	0	4	66	0	0	0	0	0	0
3583	0	0	227	66	20	10	84	118	1120	171
3584	0	0	0	0	0	0	0	0	0	0
3586	1	83	16	461	0	0	0	0	11	93
3587	0	0	0	0	0	0	1	48	24	1309
3588	0	0	1	216	0	0	2	35	3	342
3589	0	0	15	521	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	4	42
3592	0	0	1	13	0	0	3	793	37	675
3593	0	0	2	8	0	0	0	0	1	31
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	4	65	0	0	1	17	14	3463
3597	0	0	0	0	0	0	0	0	4	503
3598	0	0	0	0	0	0	0	0	8	74
3599	0	0	214	2169	0	0	77	1017	58	1682
FRM YTD	1	83	484	3585	20	10	168	2028	1310	8820
TOT YTD	945	1790	686	4626	202	506	1423	4379	4103	18848

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	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	133
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	3	283	0	0
3411	0	0	0	0	0	0	0	0	3	853
3412	0	0	0	0	0	0	0	0	9	1796
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	1	52	0	0
3422	0	0	0	0	1	200	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	2	62	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	2	55	0	0	0	0
3336	0	0	0	0	0	0	12	75	0	0
3342	1	43	2	13	18	51	0	0	1	9
3464	0	0	0	0	1	182	0	0	1	1076
3466	0	0	0	0	0	0	0	0	3	10
3467	0	0	0	0	278	1628	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	1	39	0	0	58	600	5	364	4	248
3476	0	0	0	0	0	0	0	0	2	884
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	3	12	0	0	8	886
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	1	4
3508	2	231	0	0	6	338	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	3	398	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	3	316
3516	0	0	0	0	0	0	0	0	5	228
3518	0	0	0	0	0	0	0	0	2	83
3505	0	0	0	0	0	0	0	0	3	412
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	3	140	0	0	4	14
3527	0	0	0	0	0	0	1	4	29	2817
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	7	600	0	0	20	311
3533	0	0	0	0	0	0	0	0	1	9
3539	0	0	0	0	1	51	0	0	0	0
3541	0	0	0	0	0	0	0	0	2	60
3543	0	0	0	0	1	80	0	0	2	266
3546	0	0	0	0	0	0	0	0	1	491
3554	0	0	0	0	0	0	1	74	19	1677
3556	0	0	0	0	0	0	0	0	2	288
3558	18	508	0	0	18	48	0	0	1	153
3559	3	219	0	0	0	0	7	447	5	267
3562	0	0	0	0	0	0	0	0	48	5456
3564	0	0	0	0	0	0	1	5	15	1717
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	5	18	0	0	0	0	0	0	1	48
3578	0	0	0	0	0	0	0	0	0	0
3579	1	76	0	0	1	19	8	237	5	24
4000	5	22	0	0	2	21	1	9	15	448
5000	4060	328	20	25	87	35	573	397	1154	143
CUT YTD	4096	1484	22	38	492	4520	613	1947	1370	21127
1010	0	0	0	0	0	0	0	0	1	564
3582	0	0	0	0	0	0	2	14	5	68
3583	1	2	6	2	110	11	244	70	570	78
3584	1	57	0	0	0	0	0	0	4	385
3586	3	62	1	17	2	10	0	0	0	0
3587	0	0	0	0	51	546	10	181	4	73
3588	1	44	0	0	0	0	0	0	3	48
3589	0	0	17	154	0	0	0	0	2	140
3591	0	0	0	0	0	0	10	165	0	0
3592	14	693	0	0	0	0	19	408	10	570
3593	0	0	0	0	0	0	0	0	1	49
3594	0	0	0	0	0	0	0	0	11	1101
3595	0	0	0	0	0	0	1	78	0	0
3596	1	16	1	13	1	32	2	376	3	74
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	2	100	2	7	6	103
FRM YTD	21	874	25	186	166	699	290	1299	620	3253
TOT YTD	4117	2358	47	224	658	5219	903	3246	1990	24380

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	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	16	3461	0	0	0	0	0	0
3035	3	573	2	501	0	0	0	0	0	0
3045	0	0	7	353	0	0	0	0	0	0
3404	27	1881	7	1048	0	0	0	0	0	0
3406	0	0	1	185	0	0	0	0	0	0
3409	77	3635	0	0	0	0	0	0	0	0
3411	4	275	6	3806	0	0	1	181	0	0
3412	1	337	15	6466	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	1	758	0	0	0	0	0	0	0	0
3418	0	0	3	916	4	214	0	0	0	0
3419	0	0	20	1800	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	7	355	0	0	0	0	0	0
3328	3	61	1	26	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	1	4	2	12
3336	0	0	4	29	0	0	0	0	0	0
3342	1	293	30	5221	0	0	4	76	5	21
3464	8	690	28	2117	0	0	1	104	0	0
3466	3	36	0	0	0	0	0	0	0	0
3467	52	164	0	0	0	0	0	0	0	0
3468	2	64	50	3452	0	0	0	0	0	0
3469	294	3422	24	402	0	0	4	19	0	0
3476	2	155	0	0	0	0	0	0	0	0
3477	0	0	2	144	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	6	939	44	335	0	0	5	69	0	0
3504	0	0	1	272	0	0	0	0	0	0
3506	1	33	8	1831	0	0	0	0	0	0
3508	2	334	1	260	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	134	1677	0	0	12	167	0	0	73	344
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	1	537	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	3	401	0	0	0	0	0	0	0	0
3518	7	294	3	184	0	0	1	3	8	25
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	3	92	0	0	0	0	0	0
3522	33	311	17	1857	0	0	7	327	39	277
3527	29	898	37	4668	0	0	0	0	0	0
3528	0	0	3	165	0	0	0	0	0	0
3529	70	618	123	12987	0	0	11	121	0	0
3533	21	579	16	3204	0	0	1	3	0	0
3539	0	0	3	204	0	0	0	0	0	0
3541	0	0	1	24	0	0	0	0	0	0
3543	4	118	54	720	0	0	12	31	0	0
3546	0	0	41	3916	0	0	0	0	0	0
3554	3	55	5	346	0	0	0	0	0	0
3556	0	0	2	323	0	0	0	0	0	0
3558	0	0	3	115	0	0	0	0	0	0
3559	45	899	62	1881	0	0	16	114	0	0
3562	1	21	4	129	0	0	0	0	0	0
3564	3	35	15	741	0	0	0	0	0	0
3567	1	26	3	155	0	0	0	0	0	0
3571	19	529	7	269	0	0	0	0	0	0
3576	4	288	3	250	0	0	0	0	0	0
3577	3	33	59	838	20	56	38	402	0	0
3578	13	418	1	4	0	0	0	0	0	0
3579	64	728	85	4353	0	0	64	1301	0	0
4000	59	974	55	990	1	3	224	284	0	0
5000	1921	722	2413	646	25	45	2421	662	28	41
CUT YTD	2924	23274	3296	72578	62	485	2811	3701	155	720
1010	11	75	16	373	0	0	63	9699	0	0
3582	83	200	4	118	0	0	57	360	0	0
3583	239	50	1035	671	0	0	87	68	0	0
3584	1	297	16	705	0	0	0	0	0	0
3586	42	247	11	211	0	0	12	241	0	0
3587	0	0	15	573	0	0	10	104	0	0
3588	2	212	3	293	0	0	1	24	0	0
3589	0	0	0	0	0	0	34	945	0	0
3591	2	19	2	100	0	0	5	48	0	0
3592	4	373	66	687	0	0	85	2292	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	2	273	52	3349	0	0	4	95	0	0
3595	1	244	1	152	0	0	2	19	0	0
3596	62	952	25	1261	0	0	18	336	0	0
3597	0	0	2	232	0	0	0	0	0	0
3598	0	0	17	1157	0	0	0	0	0	0
3599	6	136	141	7121	0	0	44	1442	10	36
FRM YTD	455	3078	1406	17003	0	0	422	15673	10	36
TOT YTD	3379	26352	4702	89581	62	485	3233	19374	165	756

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	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	2	199	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	2	48	0	0	1	22	0	0	0	0
3404	0	0	0	0	404	31368	0	0	2	148
3406	0	0	0	0	14	1721	0	0	0	0
3409	0	0	0	0	141	25804	0	0	0	0
3411	0	0	0	0	48	21408	8	416	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	15	1236	0	0	0	0
3419	0	0	0	0	6	472	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	1	8	0	0	0	0
3328	0	0	0	0	51	2396	0	0	0	0
3329	0	0	0	0	26	231	0	0	0	0
3334	0	0	0	0	1	37	0	0	0	0
3336	9	40	0	0	4	71	0	0	0	0
3342	3	10	0	0	28	516	0	0	0	0
3464	0	0	0	0	26	4964	0	0	0	0
3466	0	0	0	0	1	105	0	0	0	0
3467	8	111	0	0	1	32	0	0	0	0
3468	0	0	2	61	8	429	0	0	0	0
3469	19	72	0	0	12	587	0	0	0	0
3476	0	0	0	0	2	221	0	0	0	0
3477	0	0	0	0	1	45	3	128	0	0
3481	0	0	0	0	4	907	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	5	41	0	0	28	4184	0	0	0	0
3506	0	0	0	0	663	45452	31	1128	12	107
3508	0	0	0	0	91	12109	5	274	0	0
3510	0	0	0	0	10	1378	0	0	0	0
3512	23	98	0	0	5	240	81	497	62	563
3513	0	0	0	0	1	125	0	0	0	0
3514	0	0	0	0	2	123	0	0	0	0
3515	0	0	0	0	45	1231	0	0	0	0
3516	0	0	0	0	23	598	0	0	0	0
3518	11	83	0	0	3	207	0	0	0	0
3505	10	28	0	0	6	869	0	0	0	0
3519	0	0	0	0	32	1546	4	80	0	0
3522	0	0	0	0	8	201	19	130	0	0
3527	0	0	0	0	11	69	0	0	0	0
3528	0	0	0	0	6	673	0	0	0	0
3529	1	4	0	0	56	2035	0	0	0	0
3533	0	0	0	0	38	2383	0	0	0	0
3539	0	0	0	0	6	483	0	0	0	0
3541	0	0	0	0	7	447	0	0	65	772
3543	16	57	0	0	154	3373	0	0	0	0
3546	0	0	0	0	9	1047	0	0	0	0
3554	0	0	0	0	75	1045	0	0	0	0
3556	4	44	0	0	3	119	0	0	0	0
3558	4	85	0	0	1	99	0	0	0	0
3559	5	75	0	0	40	4115	0	0	0	0
3562	0	0	0	0	144	9376	0	0	0	0
3564	3	38	0	0	39	2620	0	0	0	0
3567	0	0	0	0	20	2759	0	0	0	0
3571	6	54	0	0	206	551	0	0	0	0
3576	1	18	0	0	71	2311	0	0	0	0
3577	0	0	7	350	102	4833	3	93	0	0
3578	0	0	0	0	1	27	0	0	0	0
3579	1	5	0	0	76	2257	1	5	0	0
4000	0	0	0	0	52	2634	0	0	0	0
5000	7227	457	150	7	11830	2392	1012	226	72	52
CUT YTD	7358	1368	159	418	14661	206690	1167	2977	213	1642
1010	0	0	0	0	5	340	0	0	0	0
3582	0	0	1	50	39	397	1	7	0	0
3583	0	0	5	9	599	661	17	6	216	112
3584	0	0	0	0	77	7756	0	0	0	0
3586	0	0	18	346	30	1112	1	15	18	185
3587	0	0	0	0	3	60	0	0	0	0
3588	0	0	0	0	69	2351	0	0	0	0
3589	0	0	4	128	42	1228	0	0	17	313
3591	0	0	0	0	1	24	0	0	0	0
3592	0	0	6	70	16	1603	2	17	0	0
3593	0	0	0	0	9	17666	0	0	0	0
3594	0	0	0	0	83	17067	0	0	0	0
3595	0	0	0	0	13	454	0	0	0	0
3596	0	0	0	0	69	3363	0	0	0	0
3597	0	0	0	0	6	404	0	0	0	0
3598	2	58	0	0	3	9239	0	0	0	0
3599	0	0	5	52	166	2236	0	0	2	86
FRM YTD	2	58	39	655	1230	65961	21	45	253	696
TOT YTD	7360	1426	198	1073	15891	272651	1188	3022	466	2338

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	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	1	23
3035	0	0	0	0	0	0
3045	0	0	0	0	1	111
3404	64	2472	0	0	0	0
3406	9	583	0	0	0	0
3409	3	157	0	0	0	0
3411	3	290	0	0	5	242
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	4	107	0	0	0	0
3422	0	0	0	0	0	0
3423	28	122	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	24	132	0	0	0	0
3336	12	57	0	0	0	0
3342	30	167	0	0	1	4
3464	7	291	0	0	0	0
3466	0	0	0	0	0	0
3467	474	2620	0	0	3	35
3468	24	313	1	10	0	0
3469	176	1228	0	0	7	137
3476	0	0	0	0	0	0
3477	0	0	0	0	1	69
3481	0	0	0	0	0	0
3483	0	0	0	0	3	184
3504	3	154	0	0	0	0
3506	82	2589	0	0	0	0
3508	5	163	0	0	0	0
3510	0	0	0	0	0	0
3512	153	1069	0	0	64	569
3513	1	18	0	0	0	0
3514	0	0	0	0	0	0
3515	5	52	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	5	45	0	0	0	0
3527	60	377	1	22	1	19
3528	0	0	0	0	0	0
3529	52	304	5	144	2	19
3533	0	0	0	0	0	0
3539	3	64	0	0	0	0
3541	19	150	0	0	0	0
3543	382	1923	0	0	11	177
3546	1	10	0	0	1	111
3554	17	107	0	0	0	0
3556	0	0	0	0	0	0
3558	5	32	0	0	0	0
3559	47	287	0	0	9	39
3562	34	186	15	150	0	0
3564	12	151	0	0	0	0
3567	0	0	0	0	3	107
3571	52	45	1	115	0	0
3576	3	334	1	49	2	48
3577	146	640	1	7	0	0
3578	0	0	0	0	0	0
3579	60	266	0	0	1	24
4000	76	309	0	0	23	195
5000	157991	14261	122	19	29373	794
CUT YTD	160072	32075	147	516	29512	2907
1010	1	18	0	0	0	0
3582	0	0	5	208	3	376
3583	2503	719	0	0	125	204
3584	0	0	0	0	0	0
3586	2	28	0	0	4	78
3587	2	6	0	0	4	61
3588	0	0	0	0	3	108
3589	37	344	0	0	0	0
3591	0	0	0	0	0	0
3592	1	6	0	0	2	19
3593	0	0	0	0	3	116
3594	8	184	0	0	0	0
3595	0	0	0	0	1	38
3596	12	429	0	0	4	77
3597	0	0	0	0	0	0
3598	3	29	0	0	0	0
3599	3	60	0	0	11	224
FRM YTD	2572	1823	5	208	160	1301
TOT YTD	162644	33898	152	724	29672	4208

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
MARCH 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	32	379	0	0	32	379
EAST GERMANY	11	169	1	43	12	212
FINLAND	6	260	5	434	11	694
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	3	104	3	104
HUNGARY	3	101	0	0	3	101
ICELAND	0	0	0	0	0	0
IRELAND	100	8	10	3	110	11
MALTA	0	0	0	0	0	0
NORWAY	1	111	10	119	11	230
POLAND	45	491	0	0	45	491
ROMANIA	0	0	0	0	0	0
USSR	3	182	1	8	4	190
OTHER EUROPE	2	19	0	0	2	19
TOTAL	203	1720	30	711	233	2431
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	29258	783	103	380	29361	1163
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	29258	783	103	380	29361	1163
OTHER SOUTH AMERICA						
ARGENTINA	3	107	0	0	3	107
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	3	107	0	0	3	107
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
MARCH 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	14	79	3	129	17	208
INDIA	20	178	0	0	20	178
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	1	5	1	5
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	8	36	0	0	8	36
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	22	24	22	24
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	42	293	26	158	68	451
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	1	52	1	52
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	6	4	0	0	6	4
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	6	4	1	52	7	56

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

7/26/88

MS050-3 A

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MARCH 1988

RELEASED: JULY 22, 1988

		TOTAL UNITS	YTD. $000
674:	METAL CUTTING		
3020	Gear Hobbers & Shapers	53	2900
3045	Gear Cutting Machines, N.E.C.	10	1591
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	42	2419
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	5	994
3209	Horizontal Machining Centers, ATC, NC	2	650
3211	Machining Centers, NC, N.E.C.	18	1092
3216	Single Station and Multi-Station Transfer Machines	6	6481
3225	Way Type Machines (Unit Heads)	1	108
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	1	425
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	1	512
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	1	150
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	4	60
3254	Drilling Machines, NC	2	277
3255	Drilling Machines, Multi-Spindle, Non-NC	4	249
3256	Drilling Machines, Radial, Non-NC	7	254
3257	Drilling Machines, Upright, Single Spindle, Non-NC	1	14
3258	Drilling Machines, Non-NC, N.E.C.	25	459
3264	Milling Machines, NC	3	349
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	7	893
3267	Milling Machines, Knee Type, Non-NC	1	44
3268	Milling Machines, Bed Type, Non-NC	0	0
3269	Milling Machines, Non-NC, N.E.C.	34	2033
3276	Vertical Boring Machines, Incl. VTLs, NC	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	22	1203
3281	Boring Machines, NC, N.E.C.	1	85
3283	Boring Machines, Non-NC, N.E.C.	28	1564
3503	Horizontal Lathes, Multi-Spindle, NC	12	1658
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	32	2692
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	7	934
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	4	590
3510	Horizontal Engine & Toolroom Lathes, Non-NC	23	373
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	12	1319
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	3	361
3515	Automatic Bar Machines, Single-Spindle, Non-NC	11	120
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	6	251
3518	Horizontal Lathes, Non-NC, N.E.C.	79	1533
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	1	235
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	2	57
3525	Vertical Lathes, Excl. VTLs, Non-NC	26	1088
3528	Grinding, Polishing, Honing & Lapping Machines, NC	39	6095
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	24	929
3531	Tool & Cutter Grinding Machines, Non-NC	88	1112
3532	Honing & Lapping Machines, Non-NC	171	1910
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	25	445
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	75	5818
3541	External Grinding Machines, Non-NC	5	373
3542	Internal Grinding Machines, Non-NC	9	1631
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	90	3943
3546	Grinding Machines, Non-NC, N.E.C.	46	3473
3547	Traveling Wire Electrical Discharge Machines	3	190
3549	All Other Electrical Discharge Machines	58	469
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	4	181
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	23	859
3559	Metal Cutting Machine Tools, NC, N.E.C.	37	1986
3565	Sawing & Cut-Off Machines, Non-NC	123	1636
3566	Broaching Machines, Non-NC	2	59
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	88	2431
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	1231	13644
5000	Metal Cutting Machine Tools, Less Than $2500**	5592	3614
	TOTAL CUTTING	8230	86815
674:	METAL FORMING		
1011	Die Casting Machines & Parts	0	3880
3568	Metal Forming Machine Tools, Used Or Rebuilt	295	2602
3569	Metal Forming Machine Tools, Less Than $2500	1980	1351
3571	Punching & Shearing Machines, Incl. Combination, NC	31	4759
3573	Shearing Machines, Non-NC	38	964
3575	Punching & Combination Punching & Shearing Machines, Non-NC	242	6680
3578	Bending, Folding, Straightening & Flattening Machines, NC	30	991
3582	Press Brakes, Non-NC	25	1015
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	6	947
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	233	6890
3588	Mechanical Presses	94	7481
3589	Hydraulic Presses, Vertical, Single Action	17	1235
3590	Hydraulic & Pneumatic Presses	249	10525
3594	Headers & Upsetters, Non-NC	32	5918
3595	Forging Machines, Non-NC, N.E.C.	25	836
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	295	15945
	TOTAL FORMING	3592	72008
	TOTAL ALL TYPES	11822	158823

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MARCH 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	6	615	0	0	5	363	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	1	78	7	525	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	1	22	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	1	235
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	1	25	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	1	14	10	85	1	14	15	158	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	1	189	0	0
3544	3	41	0	0	0	0	0	0	3	41
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	2	5	1	2	0	0	1	82	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	10	0	0	0	0	1	6	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	165	0	0	0	0
4000	0	0	4	38	0	0	2	107	0	0
5000	20	14	43	62	0	0	86	59	0	0
CUT YTD	28	162	71	1327	3	204	112	986	4	276
1011	0	13	0	0	0	2	0	64	0	0
3568	0	0	0	0	0	0	1	34	0	0
3569	0	0	26	5	0	0	95	28	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	1	235	0	0
3575	0	0	1	40	1	25	15	609	6	137
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	79	1	5	1	14	7	561	2	13
3588	0	0	0	0	3	87	0	0	0	0
3589	0	0	0	0	0	0	1	577	0	0
3590	0	0	0	0	0	0	2	23	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	5	148	0	0	15	935	0	0
FRM YTD	1	92	33	198	5	128	137	3066	8	150
TOT YTD	29	254	104	1525	8	332	249	4052	12	426

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MARCH 1988

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	2	201	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	123	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	1	92	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	60	1	90
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	2	17	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	3	131	0	0
3518	0	0	1	3	0	0	0	0	2	23
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	5	998	1	263	0	0	0	0	0	0
3529	1	40	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	15	160	6	63	0	0	9	64	1	4
3533	0	0	0	0	0	0	0	0	0	0
3538	9	101	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	124	0	0	0	0	0	0
3544	5	127	8	97	0	0	0	0	1	152
3546	0	0	1	185	0	0	1	18	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	8	13	0	0	0	0	2	4	3	31
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	1	368	0	0
3565	2	44	3	107	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	5	21	0	0
4000	60	733	9	15	0	0	2	38	2	167
5000	1	2	60	47	0	0	152	35	62	67
CUT YTD	112	2651	90	904	0	0	176	739	72	534
1011	0	14	0	32	0	0	0	0	0	0
3568	5	73	0	0	0	0	0	0	0	0
3569	11	9	0	0	0	0	0	0	10	2
3571	0	0	4	687	0	0	0	0	0	0
3573	1	61	0	0	0	0	0	0	0	0
3575	0	0	1	37	0	0	0	0	7	89
3578	1	16	0	0	0	0	1	30	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	9	261	0	0	0	0	1	25	5	61
3588	2	516	2	42	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	1	31
3590	1	11	4	46	0	0	1	53	0	0
3594	1	203	0	0	0	0	1	112	0	0
3595	0	0	1	59	0	0	0	0	0	0
3598	9	203	12	232	0	0	0	0	3	99
FRM YTD	40	1367	24	1135	0	0	4	220	26	282
TOT YTD	152	4018	114	2039	0	0	180	959	98	816

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	1	245	0	0
3045	0	0	0	0	0	0	1	80	0	0
3204	0	0	1	47	0	0	1	150	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	350	0	0	0	0	0	0
3211	0	0	1	83	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	1	3	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	2	38	0	0	0	0	5	83	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	2	317	0	0	1	13	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	8	427	0	0	0	0	0	0
3507	0	0	5	652	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	1	3	0	0	0	0	1	220	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	4	47	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	6	53	3	24	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	20	0	0	1	21	0	0
3528	0	0	5	374	0	0	7	1006	0	0
3529	0	0	4	156	0	0	7	154	0	0
3531	2	7	1	6	0	0	8	78	0	0
3532	0	0	6	70	6	67	42	395	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	337	0	0	0	0	1	18	0	0
3541	0	0	0	0	0	0	1	100	0	0
3542	0	0	3	98	0	0	1	253	0	0
3544	5	55	6	125	0	0	15	898	0	0
3546	0	0	1	461	0	0	1	6	0	0
3547	0	0	1	58	0	0	1	129	0	0
3549	2	54	9	78	0	0	2	3	0	0
3551	0	0	0	0	0	0	1	65	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	4	423	0	0	0	0	0	0
3565	0	0	7	116	0	0	0	0	0	0
3566	0	0	1	25	0	0	0	0	0	0
3567	1	6	0	0	0	0	4	135	0	0
4000	3	250	30	2069	0	0	1	89	0	0
5000	61	44	742	476	0	0	197	220	0	0
CUT YTD	84	847	847	6505	6	67	300	4361	0	0
1011	0	42	0	460	0	0	0	592	0	123
3568	0	0	6	302	0	0	1	30	0	0
3569	11	9	23	27	0	0	586	355	0	0
3571	0	0	2	93	0	0	3	465	1	205
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	7	222	0	0	11	577	0	0
3578	0	0	1	33	0	0	1	82	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	11	176	0	0	21	599	0	0
3588	0	0	5	1300	0	0	0	0	0	0
3589	2	71	1	112	2	52	0	0	0	0
3590	0	0	9	454	0	0	10	717	0	0
3594	0	0	0	0	0	0	15	2824	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	4	80	16	918	0	0	4	19	0	0
FRM YTD	17	202	81	4097	2	52	652	6260	1	328
TOT YTD	101	1049	928	10602	8	119	952	10621	1	328

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	38	1400	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	6	611	1	26	0	0	0	0
3206	0	0	1	95	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	53	4	484	9	250	0	0	0	0
3216	0	0	2	1601	0	0	0	0	0	0
3225	0	0	1	108	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	1	512	0	0	0	0	0	0	0	0
3248	0	0	1	150	0	0	0	0	0	0
3249	0	0	0	0	2	41	1	12	0	0
3254	0	0	1	23	0	0	0	0	0	0
3255	0	0	1	58	2	99	0	0	0	0
3256	0	0	0	0	2	49	0	0	0	0
3257	0	0	0	0	1	14	0	0	0	0
3258	0	0	2	22	13	241	2	6	0	0
3264	0	0	1	169	0	0	0	0	0	0
3266	0	0	3	809	0	0	0	0	0	0
3267	0	0	1	44	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	4	918	21	342	1	19	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	6	809	0	0	0	0
3281	0	0	0	0	1	85	0	0	0	0
3283	0	0	6	683	4	139	3	31	0	0
3503	0	0	1	75	1	105	0	0	0	0
3505	0	0	4	302	0	0	0	0	3	247
3507	0	0	1	103	0	0	0	0	1	179
3509	0	0	0	0	4	590	0	0	0	0
3510	0	0	3	33	10	33	2	10	0	0
3511	0	0	1	328	0	0	0	0	0	0
3512	0	0	2	175	0	0	0	0	0	0
3515	0	0	6	51	0	0	0	0	0	0
3516	0	0	1	40	2	80	0	0	0	0
3518	3	36	4	30	32	394	1	4	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	260	15	572	0	0	0	0
3528	0	0	3	399	0	0	0	0	0	0
3529	0	0	2	29	2	30	0	0	0	0
3531	0	0	46	408	11	125	0	0	0	0
3532	6	55	5	64	7	66	1	21	0	0
3533	0	0	7	73	2	6	0	0	0	0
3538	0	0	6	91	20	254	0	0	0	0
3541	0	0	2	38	1	99	0	0	0	0
3542	0	0	1	382	0	0	1	21	0	0
3544	0	0	17	1399	5	70	0	0	0	0
3546	0	0	10	1808	20	183	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	16	98	8	66	0	0	1	2
3551	1	50	1	24	1	42	0	0	0	0
3553	0	0	4	240	2	39	0	0	0	0
3559	0	0	23	611	1	111	0	0	0	0
3565	0	0	33	286	43	425	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	9	195	31	1050	1	3	0	0
4000	8	277	183	1113	649	4257	26	74	0	0
5000	105	67	1981	967	261	235	99	68	36	22
CUT YTD	125	1050	2446	16797	1190	10927	138	269	41	450
1011	0	199	0	1333	0	283	0	23	0	0
3568	0	0	71	391	184	1216	1	43	8	210
3569	0	0	790	468	230	302	5	6	0	0
3571	1	28	11	2171	0	0	0	0	1	128
3573	0	0	3	127	3	17	0	0	0	0
3575	0	0	28	493	28	781	1	7	0	0
3578	8	161	2	32	0	0	3	119	0	0
3582	0	0	7	437	2	6	0	0	0	0
3583	0	0	1	54	4	84	0	0	0	0
3584	8	178	66	1025	32	597	0	0	1	35
3588	1	108	9	632	28	609	0	0	4	98
3589	0	0	0	0	6	163	0	0	0	0
3590	0	0	14	1234	144	2570	0	0	0	0
3594	0	0	1	73	1	119	0	0	0	0
3595	0	0	2	45	13	328	0	0	0	0
3598	0	0	87	3103	44	659	1	9	3	77
FRM YTD	18	674	1112	11618	719	7734	11	207	17	548
TOT YTD	143	1724	3558	28415	1909	18661	149	476	58	998

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	2	294	2	119	0	0	0	0	0	0
3204	0	0	0	0	1	25	0	0	0	0
3206	0	0	0	0	4	899	0	0	0	0
3209	0	0	0	0	1	300	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	1	425
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	6	1	5	0	0	3	26	0	0
3264	0	0	0	0	0	0	0	0	1	121
3266	0	0	0	0	4	84	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	81	0	0	0	0	1	17	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	1	20	0	0	0	0	0	0	1	130
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	1	80	0	0	0	0
3503	0	0	0	0	5	937	0	0	0	0
3505	0	0	0	0	4	505	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	14
3511	0	0	0	0	8	614	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	3	41	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	1	20	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	282
3529	0	0	0	0	1	33	0	0	0	0
3531	1	50	1	4	2	12	0	0	4	318
3532	0	0	1	16	0	0	0	0	8	166
3533	0	0	0	0	0	0	0	0	6	69
3538	3	566	0	0	2	12	0	0	2	68
3541	0	0	0	0	1	136	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	4	28	0	0	0	0	0	0	0	0
3546	0	0	0	0	3	202	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	1	16	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	2	235	0	0
3559	1	36	0	0	1	24	0	0	0	0
3565	0	0	2	12	0	0	0	0	4	64
3566	0	0	0	0	1	34	0	0	0	0
3567	0	0	0	0	3	8	0	0	0	0
4000	0	0	10	143	16	68	3	70	2	112
5000	3	2	0	0	251	245	35	25	5	6
CUT YTD	17	1083	17	299	314	4295	44	373	36	1775
1011	0	66	0	9	0	47	0	135	0	0
3568	5	151	1	20	1	7	0	0	0	0
3569	4	4	0	0	41	19	10	6	0	0
3571	0	0	0	0	1	258	0	0	1	274
3573	0	0	0	0	1	33	0	0	0	0
3575	2	34	0	0	8	111	3	27	0	0
3578	0	0	0	0	3	99	0	0	5	191
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	2	15	1	125	1	34	15	650
3588	0	0	1	26	4	50	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	2	153	0	0	2	11
3594	7	1702	1	123	0	0	0	0	0	0
3595	0	0	0	0	4	311	2	31	0	0
3598	4	47	2	68	4	1086	2	47	4	499
FRM YTD	22	2004	7	261	70	2299	18	280	27	1625
TOT YTD	39	3087	24	560	384	6594	62	653	63	3400

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	8	120	1	240
3045	0	0	0	0	0	0	0	0	5	1098
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	1	560
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	1	7	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	5	429
3276	0	0	0	0	0	0	0	0	0	0
3277	1	14	0	0	6	109	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	1	126
3503	0	0	0	0	0	0	0	0	5	541
3505	2	215	0	0	0	0	0	0	2	329
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	4	41
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	3	0	0	0	0	2	36	8	479
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	3	48	0	0	2	89
3528	0	0	0	0	0	0	0	0	3	809
3529	0	0	0	0	0	0	0	0	0	0
3531	7	41	0	0	0	0	0	0	0	0
3532	3	34	0	0	0	0	1	10	1	23
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	14	2986	1	10
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	2	9	0	0	0	0	0	0	3	360
3546	0	0	0	0	0	0	0	0	4	11
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	10	208
3559	0	0	5	400	0	0	1	13	0	0
3565	0	0	1	17	0	0	2	27	7	193
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	3	0	0
4000	7	72	18	349	17	132	4	36	3	16
5000	103	74	84	50	0	0	39	24	548	298
CUT YTD	126	462	109	823	26	289	72	3255	614	5860
1011	0	31	0	42	0	0	0	0	0	53
3568	0	0	2	33	0	0	0	0	0	0
3569	21	18	0	0	5	4	0	0	21	18
3571	0	0	0	0	0	0	0	0	0	0
3573	1	20	0	0	0	0	1	35	5	75
3575	2	19	1	15	0	0	0	0	31	714
3578	0	0	0	0	0	0	0	0	3	194
3582	0	0	1	49	0	0	0	0	1	30
3583	0	0	0	0	0	0	0	0	0	0
3584	4	34	1	14	0	0	1	16	19	654
3588	4	93	0	0	0	0	0	0	11	2493
3589	0	0	1	35	0	0	0	0	1	52
3590	1	5	1	5	0	0	2	24	14	3344
3594	0	0	0	0	0	0	1	389	0	0
3595	0	0	0	0	0	0	0	0	1	10
3598	19	454	2	38	0	0	1	467	18	2800
FRM YTD	52	674	9	231	5	4	6	931	125	10437
TOT YTD	178	1136	118	1054	31	293	78	4186	739	16297

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	3	694	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	13	402	0	0	0	0	0	0	8	180
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	49	0	0	0	0	0	0
3216	3	4320	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	1	254	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	1	48	0	0	2	67	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	7	147	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	1	19	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	3	377
3512	1	186	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	279	0	0	2	29	0	0	2	13
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	2	57
3525	0	0	0	0	0	0	0	0	1	58
3528	7	1473	0	0	0	0	1	287	2	49
3529	6	290	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	1	14
3532	9	150	0	0	0	0	0	0	2	18
3533	7	196	0	0	0	0	0	0	0	0
3538	6	677	1	10	0	0	3	200	4	383
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	2	410	0	0	4	44	7	87	0	0
3546	3	529	0	0	0	0	0	0	2	70
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	12
3551	0	0	0	0	0	0	0	0	0	0
3553	5	137	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	4	60	0	0	4	64	0	0	7	190
3566	0	0	0	0	0	0	0	0	0	0
3567	20	129	0	0	1	10	4	18	3	38
4000	22	1708	65	278	5	42	20	609	13	92
5000	134	98	0	0	99	95	111	81	140	59
CUT YTD	255	12158	68	385	115	284	148	1349	191	1610
1011	0	27	0	0	0	0	0	7	0	161
3568	0	0	0	0	0	0	5	50	0	0
3569	6	5	0	0	13	11	24	21	12	10
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	43	989	0	0	0	0	1	4	4	432
3578	2	34	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	1	33
3583	1	809	0	0	0	0	0	0	0	0
3584	3	119	0	0	1	8	0	0	2	51
3588	11	1166	0	0	0	0	3	67	1	121
3589	1	90	0	0	0	0	0	0	0	0
3590	1	272	0	0	0	0	0	0	8	692
3594	3	345	1	28	0	0	0	0	0	0
3595	2	52	0	0	0	0	0	0	0	0
3598	12	586	0	0	1	81	6	211	8	1599
FRM YTD	85	4494	1	28	15	100	39	360	36	3099
TOT YTD	340	16652	69	413	130	384	187	1709	227	4709

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	1	50	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	1	85	1	5	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	1	59	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	1	11	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	5	51	3	35	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	1	70	0	0	0	0	0	0	0	0
3529	1	197	0	0	0	0	0	0	0	0
3531	1	3	1	5	1	37	0	0	1	4
3532	0	0	5	107	3	24	0	0	0	0
3533	0	0	3	101	0	0	0	0	0	0
3538	0	0	2	105	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	1	564	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	1	3	0	0	0	0	0	0
3549	0	0	1	3	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	1	3	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	494	3	156	0	0	0	0
4000	0	0	28	148	15	257	1	3	0	0
5000	14	9	35	54	48	57	12	9	0	0
CUT YTD	20	987	80	1039	76	632	16	47	1	4
1011	0	3	0	12	0	65	0	6	0	0
3568	1	3	3	39	0	0	0	0	0	0
3569	4	4	9	8	14	8	0	0	0	0
3571	0	0	0	0	6	450	0	0	0	0
3573	0	0	2	36	20	325	0	0	0	0
3575	0	0	31	1194	6	103	2	9	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	3	30	0	0	10	430	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	3	318	6	136	4	50	0	0
3588	0	0	5	73	0	0	0	0	0	0
3589	0	0	1	52	0	0	0	0	0	0
3590	0	0	7	494	6	417	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	189	4	1166	4	125	0	0	0	0
FRM YTD	9	229	65	3392	72	2059	6	65	0	0
TOT YTD	29	1216	145	4431	148	2691	22	112	1	4

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MARCH 1988

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	1	227	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	1	64	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	2	60	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	7	62	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	1	12
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	1	270	2	12
5000	0	0	25	43	0	0
CUT YTD	1	227	36	499	3	24
1011	0	3	0	0	0	33
3568	0	0	0	0	0	0
3569	0	0	9	4	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	2	12
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	1	14	3	1023
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM YTD	0	3	10	18	5	1068
TOT YTD	1	230	46	517	8	1092

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
MARCH 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	4	275	0	196	4	471
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	1	28	1	28
FINLAND	14	18	11	284	25	302
GIBRALTAR	0	0	0	0	0	0
GREECE	4	45	0	0	4	45
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	100	176	4	70	104	246
PORTUGAL	3	536	2	96	5	632
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	125	1050	18	674	143	1724
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	53	35	2	77	55	112
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	8	6	0	0	8	6
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	12	9	0	0	12	9
DOMINICAN REP.	9	74	7	56	16	130
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	11	47	0	0	11	47
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	1	3	0	0	1	3
PANAMA	5	18	0	0	5	18
SALVADOR	29	18	2	74	31	92
TRINIDAD	5	24	0	0	5	24
TURK ISLAND	1	2	0	0	1	2
OTHER N & C AM.	4	33	0	0	4	33
TOTAL	138	269	11	207	149	476
OTHER SOUTH AMERICA						
BOLIVIA	29	21	0	0	29	21
CHILE	9	89	13	154	22	243
ECUADOR	0	0	1	66	1	66
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	1	2	0	0	1	2
PERU	5	261	3	53	8	314
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	1	7	1	7
OTHER S. AM.	0	0	0	0	0	0
TOTAL	44	373	18	280	62	653
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	1	4	0	0	1	4
TOTAL	1	4	0	0	1	4

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS

MARCH 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	14	568	0	0	14	568
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	1	5	0	0	1	5
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	7	5	0	0	7	5
KUWAIT	5	10	1	283	6	293
LEBANON	0	0	0	0	0	0
MALAYSIA	22	227	34	1238	56	1465
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	17	157	5	111	22	268
QATAR	0	0	1	29	1	29
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	14	67	24	1731	38	1798
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	80	1039	65	3392	145	4431
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	1	12	0	0	1	12
IVORY COAST	0	0	0	0	0	0
KENYA	2	12	2	12	4	24
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	3	1023	3	1023
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	24	0	24
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	9	0	9
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	3	24	5	1068	8	1092

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED.
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

8/16/88 A8050-3

REPORT

NMTBA
The Association For
Manufacturing Technology

Direct Dial: (703)827-5260

STATISTICAL

No. 104-88 August 12, 1988

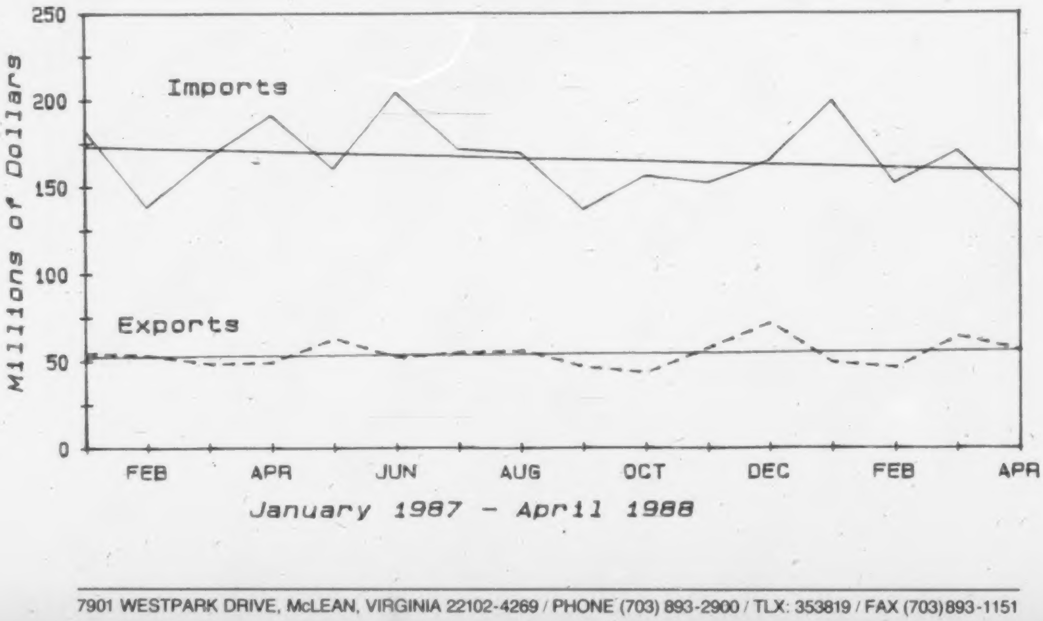
U.S. FOREIGN TRADE IN MACHINE TOOLS - APRIL 1988

During April of 1988, U.S. imports of machine tools fell 19% from their March level to $137.8 million. Year-to-date exports increased 6% above the same period last year to $216.8 million. However, April U.S. exports decreased 13% from their March 1988 level. Metal forming machine tool figures for April showed a trade surplus of $0.7 million, while metal cutting machine tools produced a trade deficit of $82.5 million. The four month total deficit amounted to $442.5 million, down 7% from the same period last year.

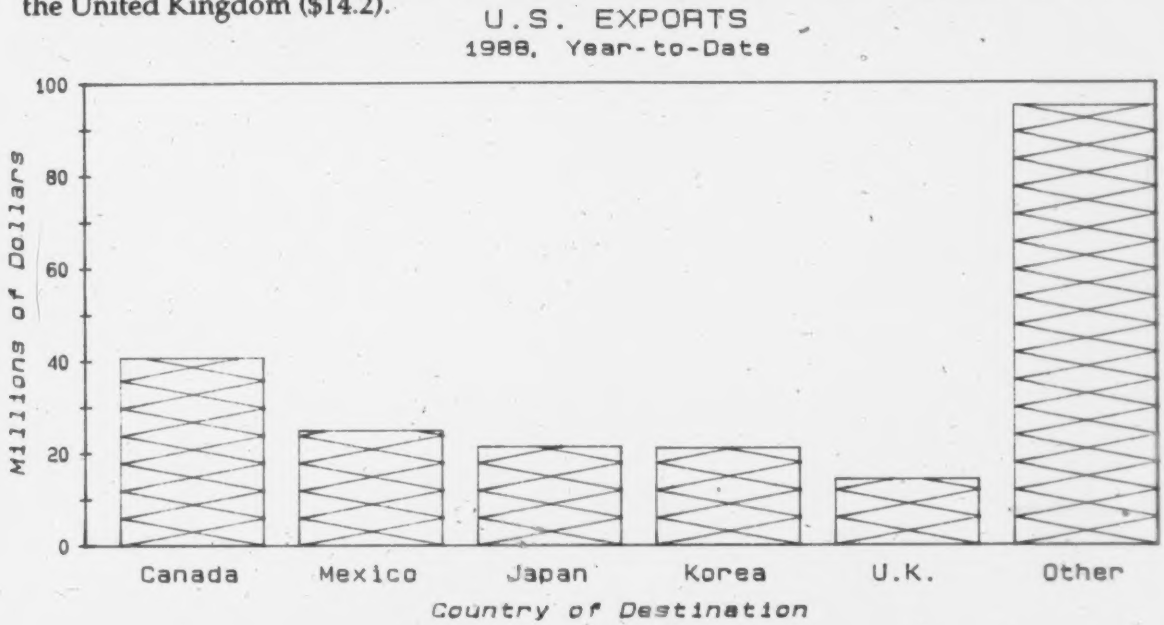
U.S. Machine Tool Trade
($Millions)

	April 1988			Four Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 28.0	$110.5	($ 82.5)	$116.8	$ 504.6	($ 387.8)
Metal Forming	$ 28.0	$ 27.3	($ 0.7)	$100.0	$ 154.7	($ 54.7)
Total	$ 56.1	$137.8	($ 81.8)	$216.8	$ 659.3	($ 442.5)

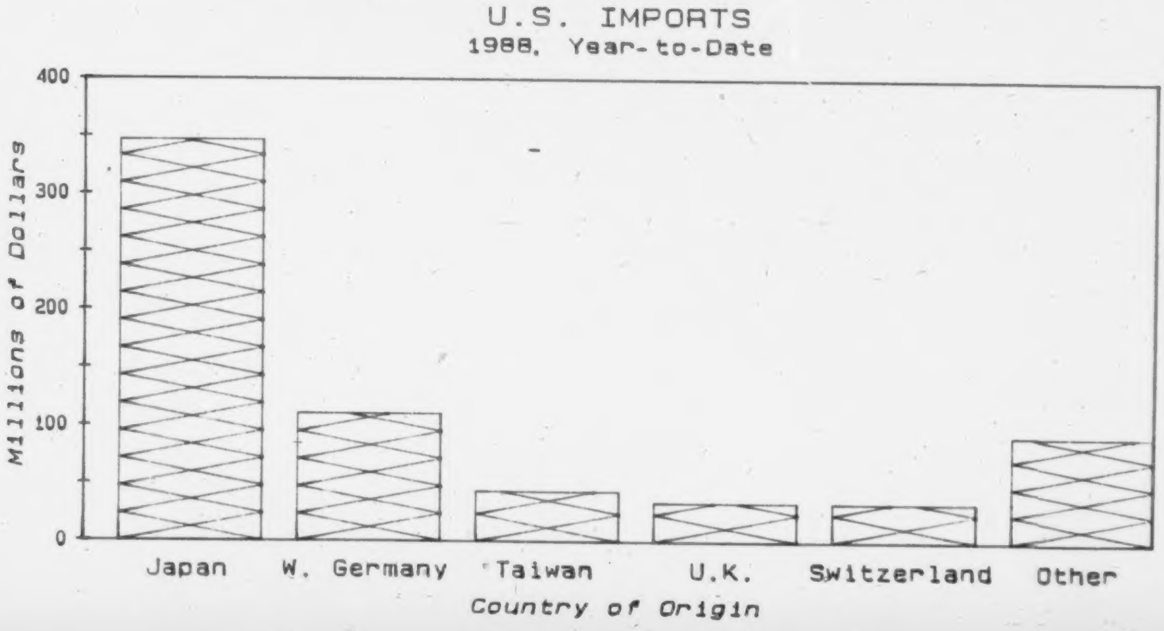
U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



U.S. exports of metal cutting machine tools fell 18% from the March total while metal forming decreased 7%. Compared to the first four months of 1987, metal cutting exports rose 4% to $116.8 million. Year-to-date metal forming exports increased 8% to $100.0 million. For January through April 1988, the leading export markets were (in millions): Canada($40.6), Mexico($24.8), Japan($21.3), the Korean Republic($21.0) and the United Kingdom ($14.2).


U.S. EXPORTS
1988, Year-to-Date

During April 1988, U.S. imports of metal cutting machines fell 13% from the March level and the four month total fell 6% from the first four months of 1987. Metal forming imports decreased 38% from March but increased 10% from the year-to-date totals of 1987. The leading exporters to the U.S. during the four months of 1988 were (in millions): Japan($346.4), West Germany ($110.4), Taiwan($43.3), the United Kingdom($33.8) and Switzerland ($33.3).


U.S. IMPORTS
1988, Year-to-Date

A 8050-3

SPECIAL ADDENDUM

Revision to U.S. Exports of Machine Tools, First Quarter 1988

We have been advised by the U.S. Department of Commerce that there was an error in the first quarter 1988 totals for metal cutting machine exports. The affected codes and correct numbers are listed below. The April year-to-date totals reflect these corrections.

Code 674:	Units	Value $000
4000	1273	$15,559
5000	5612	$3,645

A 8050-3

ERRATA

After the attached Statistical Report No. 104-88 was printed and collated, a minor error was discovered. Since foreign trade in metal forming machine tools produced a surplus in April 1988, the parentheses should be omitted. The surplus of $0.7 million is correct.

A 8050-3

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1988

RELEASED: AUGUST 12, 1988

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	27	4430	7	614
3035	Gear Shapers	5	1074	0	0
3045	Gear Cutting Machines, N.E.C.	17	1117	2	9
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	648	47227	139	9960
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	35	4081	11	1592
3409	Horizontal Machining Centers, ATC, NC	291	41724	67	11845
3411	Machining Centers, NC, N.E.C.	120	31723	21	3445
3412	Single Station and Multi-Station Transfer Machines	35	13483	8	4319
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	1	758	0	0
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	23	2657	1	291
3419	Vertical Boring-Drilling-Milling Machines, NC	45	3640	14	1209
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	2	500	1	300
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	55	2563	10	201
3328	Drilling Machines, NC	74	2968	17	423
3329	Drilling Machines, Multi-Spindle, Non-NC	26	231	0	0
3334	Drilling Machines, Radial, Non-NC	33	257	3	17
3336	Drilling Machines, Upright, Single Spindle, Non-NC	61	371	20	99
3342	Drilling Machines, Non-NC, N.E.C.	159	6892	13	308
3464	Milling Machines, NC	95	14032	12	3530
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	10	278	3	127
3467	Milling Machines, Knee Type, Non-NC	1049	5889	233	1299
3468	Milling Machines, Bed Type, Non-NC	106	4792	16	365
3469	Milling Machines, Non-NC, N.E.C.	817	11869	191	3778
3476	Vertical Boring Machines, Incl. VTL's, NC	7	1533	1	273
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	25	1098	6	26
3481	Boring Machines, NC, N.E.C.	4	907	0	0
3483	Boring Machines, Non-NC N.E.C.	139	3321	35	527
3504	Horizontal Lathes, Multi-Spindle, NC	53	5998	15	1328
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1089	68945	291	17801
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	143	17485	31	3776
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	13	1920	3	542
3512	Horizontal Engine & Toolroom Lathes, Non-NC	822	7839	212	2217
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	2	143	0	0
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	3	660	0	0
3515	Automatic Bar Machines, Single Spindle, Non-NC	57	1640	4	41
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	32	1385	1	158
3518	Horizontal Lathes, Non-NC, N.E.C.	74	2134	24	1177
3505	Vertical Lathes, Multi-Spindle, NC	20	1491	1	182
3519	Vertical Lathes, NSPF, NC	49	3524	4	546
3522	Vertical Lathes, Excl. VTL's, Non-NC	284	6539	57	2124
3527	Gear Tooth Grinding & Finishing Machines	222	10661	51	1602
3528	Tool & Cutter Grinding Machines, NC	27	1172	13	191
3529	Tool & Cutter Grinding Machines, Non-NC	425	18923	66	1614
3533	Honing & Lapping Machines	125	9525	36	3289
3539	Grinding Machines, Flat Surface, NC	16	1257	3	455
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	174	2753	52	980
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	844	9367	189	2409
3546	Grinding & Polishing Machines, NC, N.E.C.	68	7537	15	1962
3554	External Grinding Machines, Non-NC	124	3945	3	309
3556	Internal Grinding Machines, Non-NC	12	780	1	6
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	67	1635	10	328
3559	Grinding Machines, Non-NC, N.E.C.	408	10265	49	1020
3562	Traveling Wire Electrical Discharge Machines	309	20137	63	4819
3564	All Other Electrical Discharge Machines	123	6837	35	1530
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	34	4208	7	1161
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	293	1565	2	2
3576	Metal Cutting Machines Tools, NC, N.E.C.	102	4103	9	677
3577	Sawing & Cut-Off Machines, Non-NC	514	8856	100	1225
3578	Broaching Machines, Non-NC	103	1167	87	610
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	488	12726	112	3008
4000	Metal Cutting Machine Tools, Used or Rebuilt*	749	7193	184	847
5000	Metal Cutting Machine Tools, Less Than $2500**	299137	30856	73847	8003
	TOTAL CUTTING			76408	110500
	TOTAL CUTTING YTD	310914	504577		
674:	METAL FORMING				
1010	Die Casting Machines	173	13545	50	2041
3582	Metal Forming Machine Tools, Used or Rebuilt	223	1930	19	66
3583	Metal Forming Machine Tools, Less Than $2500	9573	3966	2365	938
3584	Punching and Shearing Machines, Incl. Combination, NC	107	10689	8	1489
3586	Shearing Machines, Non-NC	215	3846	43	657
3587	Punching & Combination Punching & Shearing Machines, Non-NC	194	3735	70	774
3588	Bending, Folding, Straightening & Flattening Machines, NC	117	5476	29	1803
3589	Press Brakes, Non-NC	209	5002	41	1229
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	32	475	8	77
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	359	9950	93	1731
3593	Metal Forming Machine Tools, NC, N.E.C	22	19935	6	2065
3594	Mechanical Presses, Non-NC	197	24516	37	2447
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	25	1248	6	263
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	280	10844	63	370
3597	Headers & Upsetters, Non-NC	18	2901	6	1762
3598	Forging Machines, Non-NC, N.E.C.	36	10789	3	232
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	865	25843	118	9372
	TOTAL FORMING			2965	27319
	TOTAL FORMING YTD	12645	154687		
	TOTAL ALL TYPES			79373	137819
	TOTAL ALL TYPES YTD	323559	659264		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	4	289	1	81
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	0	0
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	17	192	0	0	0	0	0	0	5	397
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	6	26
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	10	152
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	2	6	1	3
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	2	377
3522	13	383	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	12	101
3529	1	73	0	0	0	0	0	0	2	8
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	5	334
3543	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	7	264
3559	0	0	0	0	11	88	0	0	5	77
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	1	15	0	0	0	0	0	0	22	127
3578	0	0	0	0	0	0	0	0	0	0
3579	1	5	0	0	0	0	14	243	1	19
4000	0	0	1	11	2	3	3	11	1	286
5000	277	117	7	14	1	1	162	163	261	147
CUT MO.	310	785	8	25	14	92	185	712	341	2399
CUT YTD	1254	2492	210	1066	196	588	1440	3063	3134	12427
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	2	3	0	0	1	19
3583	1	1	20	2	5	4	227	23	2	3
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	3	87	1	27	0	0	0	0
3587	0	0	0	0	0	0	0	0	36	407
3588	0	0	0	0	6	94	0	0	0	0
3589	0	0	9	181	2	162	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	0	0	0	0	3	22
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	2	401
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	18	620	0	0	0	0	13	160
FRM MO	1	1	50	890	16	290	227	23	57	1012
FRM YTD	2	84	534	4475	36	300	395	2051	1367	9832
TOT MO	311	786	58	915	30	382	412	735	398	3411
TOT YTD	1256	2576	744	5541	232	888	1835	5114	4501	22259

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1988

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674.	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	1	416
3412	0	0	0	0	0	0	0	0	3	501
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	3	132	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	0	0	0	0
3464	0	0	0	0	0	0	0	0	1	25
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	108	697	0	0	0	0
3468	0	0	0	0	8	226	0	0	0	0
3469	0	0	0	0	28	193	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	1	37
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	381
3512	0	0	0	0	2	250	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	6
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	1	13	0	0	2	40
3527	0	0	0	0	0	0	2	10	3	505
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	5	212
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	1	68	0	0	2	387
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	0	0	2	183
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	1	85
3556	0	0	0	0	0	0	0	0	0	0
3558	3	64	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	6	61
3562	0	0	0	0	3	120	0	0	6	786
3564	0	0	0	0	0	0	0	0	4	498
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	2	23	0	0	1	204
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	0	0	1	3
4000	0	0	0	0	1	2	0	0	2	10
5000	83	128	0	0	0	0	5	5	129	20
CUT MO.	89	324	0	0	154	1592	7	15	172	4360
CUT YTD	4185	1808	22	38	646	6112	620	1962	1542	25487
1010	0	0	0	0	0	0	0	0	1	46
3582	0	0	0	0	0	0	3	3	0	0
3583	7	6	0	0	91	63	92	32	24	7
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	1	14	0	0	0	0	0	0
3587	0	0	0	0	16	156	6	128	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	2	23
3591	0	0	0	0	0	0	4	32	0	0
3592	0	0	0	0	0	0	4	64	1	15
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	3	39	0	0	0	0	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	2	194	0	0	7	4512
FRM MO	7	6	4	53	109	413	109	259	35	4603
FRM YTD	28	880	29	239	275	1112	399	1558	655	7856
TOT MO.	96	330	4	53	263	2005	116	274	207	8963
TOT YTD	4213	2688	51	277	921	7224	1019	3520	2197	33343

U S IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1988

	U KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	1	5	3	528	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	2	9	0	0	0	0	0	0
3404	3	269	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	5	304	0	0	0	0	0	0	0	0
3411	1	92	3	769	0	0	0	0	0	0
3412	0	0	5	3818	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	1	291	0	0	0	0	0	0
3419	0	0	14	1209	0	0	0	0	0	0
3422	0	0	1	300	0	0	0	0	0	0
3423	0	0	7	69	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	19	92	0	0	0	0	0	0
3342	1	9	4	181	0	0	2	15	0	0
3464	0	0	0	0	0	0	1	44	0	0
3466	1	85	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	84	1384	4	1379	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	1	95	1	18	0	0	3	24	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	3	139	3	647	0	0	0	0	0	0
3508	0	0	1	112	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	31	474	0	0	0	0	0	0	33	222
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	1	158	0	0	0	0	0	0	0	0
3518	0	0	1	340	0	0	0	0	11	30
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	9	529	6	682	0	0	9	369	6	20
3527	5	19	4	889	0	0	0	0	0	0
3528	0	0	1	90	0	0	0	0	0	0
3529	5	32	29	400	0	0	2	57	0	0
3533	5	103	7	701	0	0	1	8	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	2	67	15	157	0	0	28	122	0	0
3546	0	0	8	935	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	1	20	7	172	0	0	2	7	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	1	5	4	303	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	2	2	0	0	0	0	0	0	0	0
3576	0	0	2	401	0	0	0	0	0	0
3577	1	35	8	125	13	39	7	65	0	0
3578	1	71	85	532	0	0	0	0	0	0
3579	25	129	19	1263	0	0	34	787	0	0
4000	24	140	15	130	0	0	14	68	1	28
5000	2077	133	777	274	48	66	1208	234	0	0
CUT MO.	2290	4299	1056	16816	61	105	1311	1800	51	300
CUT YTD	5214	27573	4352	89394	123	590	4122	5501	206	1020
1010	1	79	9	202	0	0	11	407	0	0
3582	0	0	5	14	0	0	6	24	0	0
3583	1	2	592	349	0	0	38	21	0	0
3584	0	0	3	829	0	0	0	0	0	0
3586	6	80	9	171	0	0	6	70	0	0
3587	0	0	0	0	0	0	3	14	0	0
3588	1	212	2	266	0	0	2	269	0	0
3589	0	0	0	0	0	0	14	650	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	2	53	3	105	0	0	39	469	0	0
3593	2	950	1	981	0	0	0	0	0	0
3594	2	504	0	0	0	0	3	18	0	0
3595	0	0	0	0	0	0	3	243	0	0
3596	36	97	2	24	0	0	13	117	0	0
3597	0	0	0	0	0	0	1	10	0	0
3598	0	0	1	225	0	0	0	0	0	0
3599	8	1218	22	834	0	0	7	247	0	0
FRM MO.	59	3195	649	4000	0	0	146	2559	0	0
FRM YTD	514	6273	2055	21003	0	0	568	18232	10	36
TOT MO.	2349	7494	1705	20816	61	105	1457	4359	51	300
TOT YTD	5728	33846	6407	110397	123	590	4690	23733	216	1056

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1988

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	2	64	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	117	8944	1	52	0	0
3406	0	0	0	0	9	1421	0	0	0	0
3409	0	0	0	0	62	11541	0	0	0	0
3411	0	0	0	0	9	1698	2	100	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	17	423	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	2	6	0	0	2	57	0	0	0	0
3464	0	0	0	0	11	3486	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	2	52	0	0	0	0
3469	10	44	0	0	2	23	0	0	0	0
3476	0	0	0	0	1	273	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	15	45	4	156	0	0	0	0
3504	0	0	0	0	13	1217	0	0	0	0
3506	0	0	0	0	248	15479	24	1227	7	71
3508	0	0	0	0	25	3145	0	0	0	0
3510	0	0	0	0	3	542	0	0	0	0
3512	13	41	0	0	10	223	14	145	14	138
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	5	774	0	0	0	0
3505	0	0	0	0	1	182	0	0	0	0
3519	0	0	0	0	2	169	0	0	0	0
3522	0	0	0	0	0	0	11	88	0	0
3527	0	0	0	0	6	43	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	9	752	0	0	0	0
3533	0	0	0	0	23	2477	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	10	233	0	0	37	413
3543	0	0	0	0	59	1355	0	0	0	0
3546	0	0	0	0	7	1027	0	0	0	0
3554	0	0	0	0	2	224	0	0	0	0
3556	1	6	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	7	52	0	0	9	447	0	0	0	0
3562	0	0	0	0	46	3828	0	0	0	0
3564	0	0	0	0	14	633	1	12	0	0
3567	0	0	0	0	7	1161	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	7	276	0	0	0	0
3577	0	0	1	43	25	482	0	0	0	0
3578	0	0	0	0	1	7	0	0	0	0
3579	0	0	0	0	15	542	0	0	0	0
4000	0	0	0	0	69	98	0	0	0	0
5000	4124	153	40	1	4694	1104	1	1	12	23
CUT MO.	4157	302	56	89	5546	64494	56	1689	70	645
CUT YTD	11515	1670	215	507	20207	271184	1223	4666	283	2287
1010	0	0	0	0	28	1307	0	0	0	0
3582	0	0	0	0	2	3	0	0	0	0
3583	0	0	0	0	144	205	8	18	0	0
3584	0	0	0	0	5	660	0	0	0	0
3586	0	0	0	0	10	160	0	0	3	20
3587	0	0	0	0	2	21	0	0	0	0
3588	0	0	0	0	15	897	0	0	0	0
3589	0	0	0	0	2	81	0	0	11	126
3591	0	0	0	0	4	45	0	0	0	0
3592	0	0	0	0	32	974	1	3	0	0
3593	0	0	0	0	1	35	0	0	0	0
3594	0	0	0	0	32	1925	0	0	0	0
3595	0	0	0	0	3	20	0	0	0	0
3596	0	0	0	0	2	58	0	0	0	0
3597	0	0	0	0	3	1351	0	0	0	0
3598	0	0	0	0	2	7	0	0	0	0
3599	0	0	2	40	32	1505	3	9	0	0
FRM MO.	0	0	2	40	319	9254	12	30	14	146
FRM YTD	2	58	41	695	1549	75215	33	75	267	842
TOT MO.	4157	302	58	129	5865	73748	68	1719	84	791
TOT YTD	11517	1728	256	1202	21756	346399	1256	4741	550	3129

U.S IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
APRIL 1988

	TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	1	17
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	18	695	0	0	0	0
3406	2	171	0	0	0	0
3409	0	0	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	0	0
3423	0	0	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	3	17	0	0	0	0
3336	1	7	0	0	0	0
3342	1	15	0	0	0	0
3464	0	0	0	0	0	0
3466	2	42	0	0	0	0
3467	125	602	0	0	0	0
3468	6	87	0	0	0	0
3469	36	112	0	0	5	54
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	2	111	0	0	0	0
3506	6	238	0	0	0	0
3508	4	138	0	0	0	0
3510	0	0	0	0	0	0
3512	73	515	0	0	22	209
3513	0	0	0	0	0	0
3514	0	0	0	0	0	0
3515	4	41	0	0	0	0
3516	0	0	0	0	0	0
3518	3	18	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	0	0	0	0	0	0
3527	30	126	0	0	1	10
3528	0	0	0	0	0	0
3529	13	80	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	83	525	0	0	0	0
3546	0	0	0	0	0	0
3554	0	0	0	0	0	0
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	1	96	0	0	0	0
3562	0	0	8	85	0	0
3564	11	79	0	0	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	16	57	0	0	3	10
3578	0	0	0	0	0	0
3579	1	12	0	0	1	5
4000	35	30	4	3	12	27
5000	54901	5231	0	0	5040	188
CUT MO.	55377	9045	12	88	5085	520
CUT YTD	215449	41120	159	604	34597	3427
1010	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	1104	195	0	0	9	7
3584	0	0	0	0	0	0
3586	2	14	0	0	2	14
3587	7	48	0	0	0	0
3588	0	0	0	0	3	65
3589	1	6	0	0	0	0
3591	0	0	0	0	0	0
3592	4	10	0	0	4	16
3593	0	0	0	0	2	99
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3596	1	16	0	0	6	19
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	3	27	0	0	1	6
FRM MO.	1122	316	0	0	27	226
FRM YTD	3694	2139	5	208	187	1527
TOT MO.	56499	9361	12	88	5112	746
TOT YTD	219143	43259	164	812	34784	4954

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
APRIL 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	5	40	0	0	5	40
EAST GERMANY	5	59	0	0	5	59
FINLAND	8	6	5	16	13	22
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	3	65	3	65
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	2	2	2	99	4	101
POLAND	23	207	0	0	23	207
ROMANIA	1	10	0	0	1	10
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	6	1	6	1
TOTAL	44	324	16	181	60	505
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	5015	178	8	28	5023	206
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	5015	178	8	28	5023	206
OTHER SOUTH AMERICA						
ARGENTINA	10	1	0	0	10	1
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	5	11	0	0	5	11
OTHER S. AM.	0	0	0	0	0	0
TOTAL	15	12	0	0	15	12
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
APRIL 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	0	0	3	17	3	17
INDIA	2	3	0	0	2	3
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	9	3	0	0	9	3
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	11	6	3	17	14	23
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

A 8050-3

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
APRIL 1988

RELEASED: AUGUST 12, 1988

		TOTAL YTD		TOTAL MO	
674	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	54	3131	1	231
3045	Gear Cutting Machines, N.E.C.	12	2111	2	520
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	57	3494	15	1075
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	7	1606	2	612
3209	Horizontal Machining Centers, ATC, NC	6	1601	4	951
3211	Machining Centers, NC, N.E.C.	27	2497	9	1405
3216	Single Station and Multi-Station Transfer Machines	9	6806	3	325
3225	Way Type Machines (Unit Heads)	4	345	3	237
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	2	692	1	267
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	0	0	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	1	512	0	0
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	1	150	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	6	92	2	32
3254	Drilling Machines, NC	2	277	0	0
3255	Drilling Machines, Multi-Spindle, Non-NC	6	350	2	101
3256	Drilling Machines, Radial, Non-NC	8	259	1	5
3257	Drilling Machines, Upright, Single Spindle, Non-NC	2	17	1	3
3258	Drilling Machines, Non-NC, N.E.C.	32	580	7	121
3264	Milling Machines, NC	4	721	1	372
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	10	975	3	82
3267	Milling Machines, Knee Type, Non-NC	2	88	1	44
3268	Milling Machines, Bed Type, Non-NC	0	0	0	0
3269	Milling Machines, Non-NC, N.E.C.	43	2859	9	826
3276	Vertical Boring Machines, Incl. VTLs, NC	0	0	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	27	1405	5	202
3281	Boring Machines, NC, N.E.C.	3	210	2	125
3283	Boring Machines, Non-NC, N.E.C.	37	2057	9	493
3503	Horizontal Lathes, Multi-Spindle, NC	22	2482	10	824
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	48	3602	16	910
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	12	1848	5	914
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	5	1486	1	896
3510	Horizontal Engine & Toolroom Lathes, Non-NC	34	1277	11	904
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	12	1319	0	0
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	4	386	1	25
3515	Automatic Bar Machines, Single-Spindle, Non-NC	13	129	2	9
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	18	663	12	412
3518	Horizontal Lathes, Non-NC, N.E.C.	117	3247	38	1714
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	1	235	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	3	113	1	56
3525	Vertical Lathes, Excl. VTLs, Non-NC	31	1326	5	238
3528	Grinding, Polishing, Honing & Lapping Machines, NC	55	7208	16	1113
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	25	942	1	13
3531	Tool & Cutter Grinding Machines, Non-NC	129	2231	41	1119
3532	Honing & Lapping Machines, Non-NC	203	2427	32	517
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	34	563	9	118
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	91	6724	16	906
3541	External Grinding Machines, Non-NC	6	426	1	53
3542	Internal Grinding Machines, Non-NC	13	2224	4	593
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	102	4714	12	771
3546	Grinding Machines, Non-NC, N.E.C.	91	4693	45	1220
3547	Traveling Wire Electrical Discharge Machines	3	190	0	0
3549	All Other Electrical Discharge Machines	71	566	13	97
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	4	181	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	32	1121	9	262
3559	Metal Cutting Machine Tools, NC, N.E.C.	60	2358	23	372
3565	Sawing & Cut-Off Machines, Non-NC	166	2166	43	530
3566	Broaching Machines, Non-NC	2	59	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	108	2859	20	428
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	1836	19388	563	3829
5000	Metal Cutting Machine Tools, Less Than $2500**	7535	4810	1923	1165
	TOTAL CUTTING			2956	28032
	TOTAL CUTTING YTD	11248	116779		
674	METAL FORMING				
1011	Die Casting Machines & Parts	0	5438	0	1558
3568	Metal Forming Machine Tools, Used Or Rebuilt	367	3356	72	754
3569	Metal Forming Machine Tools, Less Than $2500	2653	1680	673	329
3571	Punching & Shearing Machines, Incl. Combination, NC	35	5305	4	546
3573	Shearing Machines, Non-NC	45	1094	7	130
3575	Punching & Combination Punching & Shearing Machines, Non-NC	320	8403	78	1723
3578	Bending, Folding, Straightening & Flattening Machines, NC	43	1916	13	925
3582	Press Brakes, Non-NC	27	1039	2	24
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	9	1171	3	224
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	326	9948	93	3058
3588	Mechanical Presses	109	8659	15	1178
3589	Hydraulic Presses, Vertical, Single Action	21	1726	4	491
3590	Hydraulic & Pneumatic Presses	405	17385	156	6860
3594	Headers & Upsetters, Non-NC	39	9693	7	3775
3595	Forging Machines, Non-NC, N.E.C.	28	887	3	51
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	398	22360	103	6415
	TOTAL FORMING			1233	28037
	TOTAL FORMING YTD	4825	100046		
	TOTAL ALL TYPES			4189	56069
	TOTAL ALL TYPES YTD	16073	216825		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
APRIL 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	3	280	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	2	125	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	1	70	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	2	14
3532	1	16	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	3	137	0	0
3544	0	0	0	0	1	172	0	0	0	0
3546	0	0	0	0	0	0	1	27	4	239
3547	0	0	0	0	0	0	0	0	0	0
3549	2	38	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	32	211	0	0
5000	3	2	5	5	0	0	4	2	0	0
CUT MO	6	56	9	355	1	172	42	502	6	253
CUT YTD	34	218	80	1682	4	376	154	1488	10	529
1011	0	0	0	0	0	0	0	57	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	2	2	49	26	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	4	50	1	6
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	210	0	0	1	26	0	0
3588	0	0	0	0	0	0	2	497	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	31
3598	0	0	4	265	0	0	1	7	0	0
FRM MO	0	0	5	475	2	2	57	663	2	37
FRM YTD	1	92	38	673	7	130	194	3729	10	187
TOT MO	6	56	14	830	3	174	99	1165	8	290
TOT YTD	35	310	118	2355	11	506	348	5217	20	716

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
APRIL 1988

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	30	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	48	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	2	128	0	0	0	0	1	111	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	5
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	2	29	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	7	1	3
4000	35	92	0	0	0	0	2	37	27	67
5000	87	52	31	19	0	0	0	0	0	0
CUT MO.	127	331	31	19	0	0	5	203	29	75
CUT YTD	239	2982	121	923	0	0	181	942	101	609
1011	0	0	0	0	0	0	0	0	0	0
3568	0	0	0	0	0	0	23	223	0	0
3569	0	0	23	4	0	0	0	0	40	6
3571	0	0	1	169	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	2	66	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	33	4	19	0	0	7	127	2	46
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	1	1530	0	0	0	0	1	700	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	5	101	0	0	3	919	1	16
FRM MO.	2	1563	35	359	0	0	34	1969	43	68
FRM YTD	42	2930	59	1494	0	0	38	2189	69	350
TOT MO.	129	1894	66	378	0	0	39	2172	72	143
TOT YTD	281	5912	180	2417	0	0	219	3131	170	959

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	6	273	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	194	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	3	237	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	82	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	1	106	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	12	607	0	0	0	0	0	0
3507	0	0	4	541	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	27	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	1	56	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	6	348	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	2	134	0	0	13	64	0	0
3532	11	140	0	0	0	0	2	16	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	1	50	0	0
3541	0	0	1	53	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	101	0	0
3546	5	27	0	0	0	0	2	71	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	6	77	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	3	20	0	0	2	70	0	0
4000	0	0	15	459	0	0	15	141	1	74
5000	0	0	177	109	0	0	168	60	0	0
CUT MO	16	167	234	2871	0	0	210	1025	1	74
CUT YTD	100	1014	1084	9393	6	67	527	5418	1	74
1011	0	0	0	87	0	0	0	95	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	10	3	32	11	0	0	32	8	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	60	4	100	0	0	1	24	0	0
3578	0	0	1	14	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	18	158	0	0	10	135	1	95
3588	0	0	1	46	0	0	0	0	0	0
3589	0	0	0	0	0	0	2	283	0	0
3590	0	0	4	31	0	0	2	332	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	572	5	309	0	0	3	49	2	189
FRM MO	12	635	65	756	0	0	50	926	3	284
FRM YTD	29	837	146	4853	2	52	702	7186	4	612
TOT MO	28	802	299	3627	0	0	260	1951	4	358
TOT YTD	129	1851	1230	14246	8	119	1229	12604	5	686

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	1	192	0	0	0	0
3204	0	0	5	388	0	0	0	0	1	134
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	2	707	0	0	0	0	0	0
3211	0	0	0	0	2	82	0	0	0	0
3216	0	0	1	169	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	1	267	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	1	4	1	28	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	1	5	0	0	0	0
3257	0	0	1	3	0	0	0	0	0	0
3258	1	6	1	4	4	29	0	0	0	0
3264	0	0	1	372	0	0	0	0	0	0
3266	0	0	3	82	0	0	0	0	0	0
3267	0	0	1	44	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	2	25	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	2	93	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	4	301	0	0	0	0	0	0
3503	0	0	1	100	8	660	0	0	0	0
3505	0	0	3	233	0	0	0	0	0	0
3507	0	0	1	373	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	2	84	3	187	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	1	25	0	0	0	0
3515	0	0	1	3	0	0	0	0	0	0
3516	0	0	3	48	0	0	0	0	0	0
3518	0	0	9	155	6	99	1	12	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	112	2	56	0	0	0	0
3528	0	0	1	263	0	0	0	0	0	0
3529	0	0	1	13	0	0	0	0	0	0
3531	0	0	11	128	3	50	0	0	0	0
3532	2	27	1	7	2	146	1	6	0	0
3533	0	0	3	49	0	0	0	0	0	0
3538	0	0	1	30	4	89	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	456	0	0	0	0	0	0
3544	0	0	0	0	1	6	0	0	3	31
3546	0	0	2	31	26	443	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	2	4	1	7	5	8	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	2	44	0	0	0	0	0	0
3559	0	0	19	274	0	0	0	0	0	0
3565	0	0	18	156	10	101	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	6	60	4	39	0	0	0	0
4000	0	0	15	128	225	711	5	11	0	0
5000	8	13	867	484	116	44	50	34	0	0
CUT MO	13	50	992	5405	428	3292	57	63	4	165
CUT YTD	138	1100	3450	22508	1632	14294	200	346	45	615
1011	0	25	0	732	0	44	0	18	0	0
3568	1	28	7	169	33	226	0	0	0	0
3569	33	11	331	172	53	43	1	2	4	4
3571	0	0	2	272	0	0	0	0	0	0
3573	0	0	7	130	0	0	0	0	0	0
3575	1	7	13	316	15	291	3	-41	0	0
3578	2	171	5	211	1	39	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	3	224	0	0	0	0
3584	9	130	21	309	3	149	0	0	1	8
3588	0	0	1	90	5	87	0	0	0	0
3589	0	0	0	0	1	187	0	0	0	0
3590	1	35	55	1896	50	1239	0	0	0	0
3594	0	0	4	1172	0	0	0	0	0	0
3595	1	6	0	0	1	14	0	0	0	0
3598	0	0	22	961	19	263	0	0	0	0
FRM MO	48	413	468	6430	184	2806	4	61	5	12
FRM YTD	66	1087	1580	18048	903	10540	15	268	22	560
TOT MO	61	463	1460	11835	612	6098	61	124	9	177
TOT YTD	204	2187	5030	40556	2535	24834	215	614	67	1175

U.S. EXPORTS OF MACHINE TOOLS
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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	2	612
3209	0	0	0	0	0	0	0	0	0	0
3211	3	75	2	181	0	0	0	0	1	1020
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	1	60	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	2	70	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	1	66	0	0	2	43	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	1	14	0	0	0	0
3503	1	64	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	2	11	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	1	6	0	0	0	0
3516	8	316	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	12	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	9	502
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	2	12
3532	0	0	0	0	0	0	0	0	11	141
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	4	56	4	36	1	637
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	3	31	0	0	0	0	0	0	1	233
3546	0	0	0	0	0	0	0	0	4	102
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	35	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	1	114	1	12
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	1	13	0	0	1	13	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	70	0	0	0	0
4000	7	231	5	227	12	264	12	68	95	828
5000	2	3	2	4	43	29	11	6	3	3
CUT MO	25	786	15	483	67	612	29	237	130	4102
CUT YTD	42	1869	32	782	386	4919	77	643	166	5877
1011	0	0	0	9	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	25	10	2	4	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	5	0	0	3	20	0	0	2	160
3578	0	0	0	0	2	139	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	2	55	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	2	22	0	0	0	0	2	555
3594	1	373	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	26	1	256	0	0	1	51
FRM MO	4	433	3	57	31	425	2	4	5	766
FRM YTD	26	2437	10	318	101	2724	20	284	32	2391
TOT MO	29	1219	18	540	98	1037	31	241	135	4868
TOT YTD	68	4306	42	1100	487	7643	97	927	198	8268

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	328	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	2	156
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	1	41
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	1	33
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	10	1360
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	1	58	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	1	10	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	1	8	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	185
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	4	78
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	96
4000	0	0	0	0	0	0	1	2	2	28
5000	30	20	0	0	0	0	8	5	92	55
CUT MO.	31	30	2	336	0	0	10	65	114	2032
CUT YTD	157	492	111	1159	26	289	82	3320	728	7892
1011	0	4	0	0	0	0	0	14	0	12
3568	0	0	0	0	0	0	0	0	6	95
3569	0	0	0	0	0	0	0	0	13	10
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	12	0	0	0	0	0	0	6	158
3578	1	70	0	0	1	281	0	0	0	0
3582	2	24	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	11	1407
3588	0	0	0	0	0	0	0	0	2	43
3589	1	21	0	0	0	0	0	0	0	0
3590	1	248	1	144	0	0	0	0	13	1220
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	6	121	0	0	0	0	0	0	1	25
FRM MO.	12	500	1	144	1	281	0	14	52	2970
FRM YTD	64	1174	10	375	6	285	6	945	177	13407
TOT MO.	43	530	3	480	1	281	10	79	166	5002
TOT YTD	221	1666	121	1534	32	574	88	4265	905	21299

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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	231	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	1	50
3211	0	0	1	47	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	1	896	0	0
3510	4	622	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	7	10	54
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	3	464
3532	1	18	0	0	0	0	0	0	0	0
3533	6	69	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	12
3546	0	0	0	0	0	0	1	28C	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	1	14	0	0	0	0	0	0	0	0
3559	3	51	0	0	0	0	0	0	0	0
3565	1	11	1	23	1	97	0	0	2	10
3566	0	0	0	0	0	0	0	0	0	C
3567	1	63	0	0	0	0	0	0	0	0
4000	34	93	0	0	0	0	9	80	6	51
5000	39	25	0	0	34	3	33	34	4	3
CUT MO	91	1197	2	70	35	100	45	1297	27	644
CUT YTD	347	14807	70	455	150	384	193	2646	218	2254
1011	0	428	0	0	0	0	0	0	0	0
3568	2	13	0	0	0	0	0	0	0	0
3569	7	4	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	143	0	0	0	0	0	0	1	9
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	163	0	0	0	0	0	0	1	25
3588	0	0	0	0	0	0	1	43	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	9	600	0	0	0	0	4	60	10	423
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	10	347	0	0	0	0	4	154	4	1567
FRM MO	30	1698	0	0	0	0	9	257	16	2024
FRM YTD	115	6192	1	28	15	100	48	617	52	5123
TOT MO	121	2895	2	70	35	100	54	1554	43	2668
TOT YTD	462	20999	71	483	165	484	241	3263	270	7377

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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	5	731	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	1	9	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	1	4	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	1	47	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	2	5	6	21	0	0	0	0
5000	0	0	19	26	19	17	14	20	0	0
CUT MO.	5	731	22	35	27	94	14	20	0	0
CUT YTD	25	1718	102	1074	103	726	30	67	2	9
1011	0	0	0	16	0	17	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	16	9	0	0	0	0
3571	0	0	0	0	1	105	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	15	193	1	45	2	17	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	1	18	0	0	0	0
3588	1	317	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	1	40	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	6	154	3	63	0	0	0	0
FRM MO.	1	317	21	363	23	297	2	17	0	0
FRM YTD	10	546	86	3755	95	2356	8	82	0	0
TOT MO.	6	1048	43	398	50	391	16	37	0	0
TOT YTD	35	2264	188	4829	198	3082	38	149	2	9

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	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	53	86	1	2
CUT MO.	0	0	53	86	1	2
CUT YTD	1	227	89	585	4	26
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	1	15	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	0	0	1	15	0	0
FRM YTD	0	3	11	33	5	1068
TOT MO.	0	0	54	101	1	2
TOT YTD	1	230	100	618	9	1094

S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
APRIL 1988

OTHER EUROPE

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	1	7	1	7
CZECHOSLOVAKIA	0	0	1	35	1	35
EAST GERMANY	0	0	0	0	0	0
FINLAND	4	10	17	227	21	237
GIBRALTAR	0	0	0	0	0	0
GREECE	2	4	0	0	2	4
HUNGARY	0	0	0	0	0	0
ICELAND	4	7	4	3	8	10
MALTA	0	0	0	0	0	0
NORWAY	0	0	21	38	21	38
PORTUGAL	3	29	4	103	7	132
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	13	50	48	413	61	463

OTHER NORTH AND CENTRAL AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BAHAMAS	47	30	0	0	47	30
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	1	12	0	12	1	24
DOMINICAN REP.	0	0	1	2	1	2
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	5	14	0	0	5	14
HAITI	1	3	0	0	1	3
HONDURAS	0	0	3	41	3	41
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	1	2	0	0	1	2
PANAMA	0	0	0	0	0	0
SALVADOR	2	2	0	6	2	8
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	57	63	4	61	61	124

OTHER SOUTH AMERICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
BOLIVIA	0	0	0	0	0	0
CHILE	18	76	2	4	20	80
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	5	34	0	0	5	34
PERU	1	114	0	0	1	114
SURINAM	0	0	0	0	0	0
URAGUAY	5	13	0	0	5	13
OTHER S. AM.	0	0	0	0	0	0
TOTAL	29	237	2	4	31	241

OTHER OCEANIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION

THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
APRIL 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	5	7	0	0	5	7
KUWAIT	11	19	0	0	11	19
LEBANON	0	0	0	0	0	0
MALAYSIA	4	4	14	231	18	235
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	2	5	0	0	2	5
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	7	132	7	132
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	22	35	21	363	43	398
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	1	2	0	0	1	2
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	1	2	0	0	1	2

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED.
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

A8050-3
9/6/88

NMTBA
The Association For
Manufacturing Technology

Direct Dial: (703)827-5260

REPORT

STATISTICAL

No. 113-88 September 2, 1988

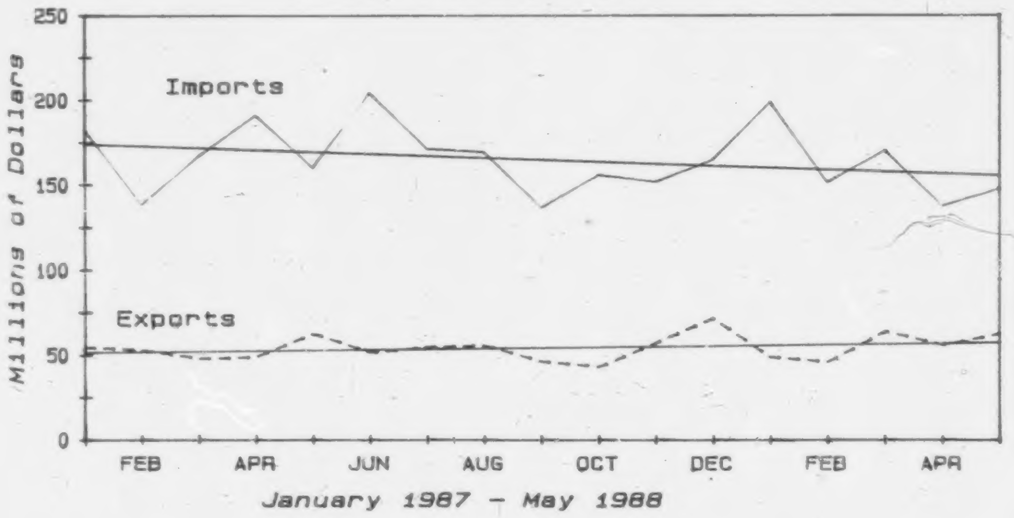
U.S. FOREIGN TRADE IN MACHINE TOOLS - MAY 1988

U.S. machine tool exports totaled $279.4 million for the first five months of 1988, a rise of 4% from the same period last year. Year-to-date imports fell 4% to $807.4 million. U.S. exports rose 12% from the April 1988 total while machine tool imports increased 7%. The resulting machine tool trade deficit was $85.5 million for May bringing the year-to-date deficit to $528.0 million, down 8% from the same period last year.

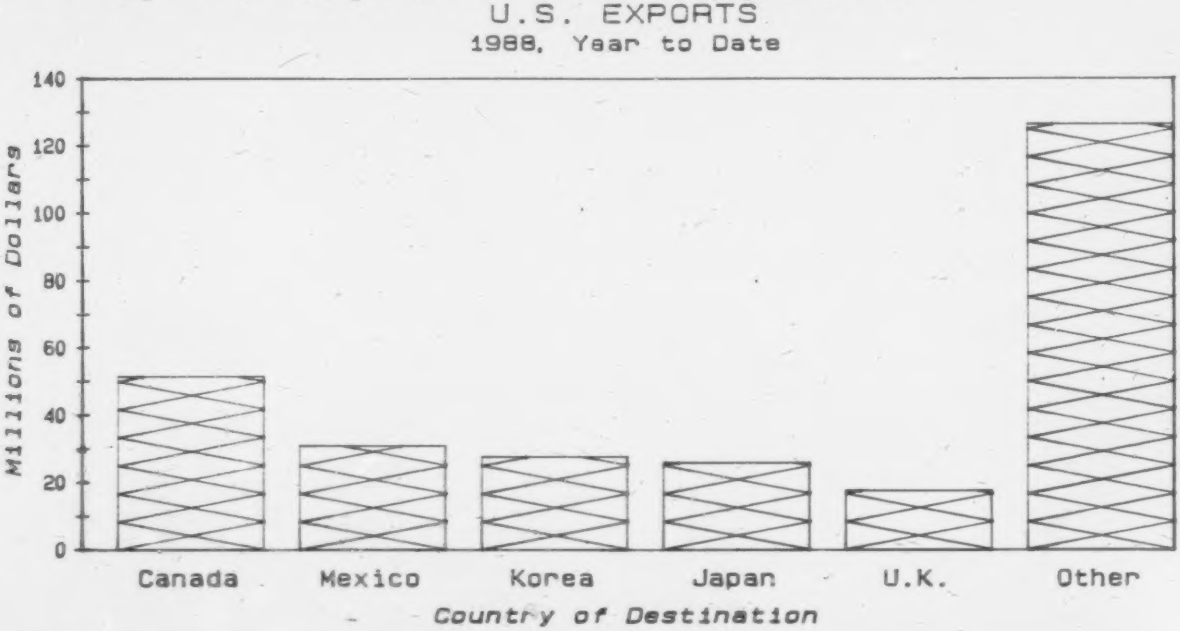
U.S. Machine Tool Trade
($Millions)

	May 1988			Five Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$34.5	$119.4	($84.9)	$151.3	$624.0	($472.7)
Metal Forming	$28.1	$ 28.7	($ 0.6)	$128.2	$183.4	($ 55.2)
Total	$62.6	$148.1	($85.5)	$279.4	$807.4	($528.0)

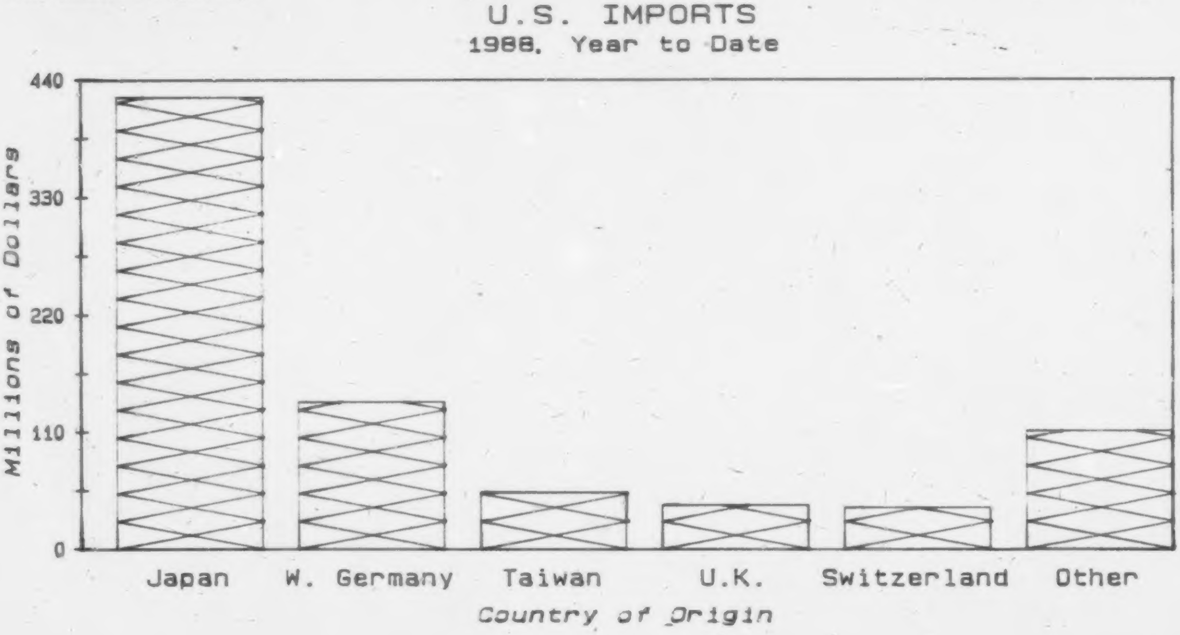
U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



Compared to April, U.S. exports of metal cutting machine tools jumped 23%. Exports of metal forming machines remained virtually unchanged from last month and stood at $28.1 million. Year-to-date exports of metal cutting machinery increased 2% from the same period last year while metal forming exports rose 7%. For January through May 1988, the leading export markets were (in millions): Canada ($51.4), Mexico ($30.8), the Korean Republic ($27.5), Japan ($25.8) and the United Kingdom ($17.5).



Compared to the first five months of 1987, U.S. imports of metal cutting machine tools fell 4% and metal forming imports dropped 3%. U.S. imports of both metal cutting and metal forming machine tools rose from last month's levels, up 8% and 5%, respectively. The leading exporters to the U.S. during the first five months of 1988 were (in millions): Japan ($423.8), West Germany ($138.5), Taiwan ($53.3), the United Kingdom ($41.6) and Switzerland ($39.0).



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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1988

RELEASED: SEPTEMBER 2, 1988

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3025	Gear Hobbers	32	4831	5	401
3035	Gear Shapers	5	1074	0	0
3045	Gear Cutting Machines, N.E.C.	18	1150	1	33
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	741	56314	93	9087
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	37	4318	2	237
3409	Horizontal Machining Centers, ATC, NC	332	49180	41	7456
3411	Machining Centers, NC, N.E.C.	131	34098	11	2375
3412	Single Station and Multi-Station Transfer Machines	102	24253	67	10770
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	1	758	0	0
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	23	2657	0	0
3419	Vertical Boring-Drilling-Milling Machines, NC	48	5788	3	2148
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	2	500	0	0
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	68	2667	13	104
3328	Drilling Machines, NC	103	4308	29	1340
3329	Drilling Machines, Multi-Spindle, Non-NC	37	422	11	191
3334	Drilling Machines, Radial, Non-NC	57	360	24	103
3336	Drilling Machines, Upright, Single Spindle, Non-NC	65	418	4	47
3342	Drilling Machines, Non-NC, N.E.C.	179	7237	20	345
3464	Milling Machines, NC	131	15588	36	1556
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	11	367	1	89
3467	Milling Machines, Knee Type, Non-NC	1272	7716	223	1827
3468	Milling Machines, Bed Type, Non-NC	138	5077	32	285
3469	Milling Machines, Non-NC, N.E.C.	1039	18597	222	6728
3476	Vertical Boring Machines, Incl. VTL's, NC	8	1591	1	58
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	25	1098	0	0
3481	Boring Machines, NC, N.E.C.	4	907	0	0
3483	Boring Machines, Non-NC N.E.C.	155	3780	16	459
3504	Horizontal Lathes, Multi-Spindle, NC	65	7284	12	1286
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1354	87274	265	18329
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	185	20910	42	3425
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	41	2452	28	532
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1088	9972	266	2133
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	2	143	0	0
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	4	718	1	58
3515	Automatic Bar Machines, Single Spindle, Non-NC	62	1866	5	226
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	34	1470	2	85
3518	Horizontal Lathes, Non-NC, N.E.C.	76	2154	2	20
3505	Vertical Lathes, Multi-Spindle, NC	21	1657	1	166
3519	Vertical Lathes, NSPF, NC	61	5583	12	2059
3522	Vertical Lathes, Excl. VTL's, Non-NC	405	8954	121	2415
3527	Gear Tooth Grinding & Finishing Machines	251	12322	29	1661
3528	Tool & Cutter Grinding Machines, NC	29	1322	2	150
3529	Tool & Cutter Grinding Machines, Non-NC	502	20752	77	1829
3533	Honing & Lapping Machines	183	12581	58	3056
3539	Grinding Machines, Flat Surface, NC	23	2216	7	959
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	245	3610	71	857
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1062	11113	218	1746
3546	Grinding & Polishing Machines, NC, N.E.C.	76	8897	8	1360
3554	External Grinding Machines, Non-NC	154	4892	30	947
3556	Internal Grinding Machines, Non-NC	25	1999	13	1219
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	73	1757	6	122
3559	Grinding Machines, Non-NC, N.E.C.	477	13154	69	2889
3562	Traveling Wire Electrical Discharge Machines	348	23503	39	3366
3564	All Other Electrical Discharge Machines	160	8156	37	1319
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	40	5106	6	898
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	451	3260	158	1695
3576	Metal Cutting Machines Tools, NC, N.E.C.	112	7575	10	3472
3577	Sawing & Cut-Off Machines, Non-NC	675	10503	161	1647
3578	Broaching Machines, Non-NC	107	1372	4	205
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	633	16686	145	3960
4000	Metal Gutting Machine Tools, Used or Rebuilt*	887	8837	138	1644
5000	Metal Cutting Machine Tools, Less Than $2500**	369836	38923	70699	8067
	TOTAL CUTTING			73597	119435
	TOTAL CUTTING YTD	384511	624012		
674: METAL FORMING					
1010	Die Casting Machines	225	17500	52	3955
3582	Metal Forming Machine Tools, Used or Rebuilt	254	2420	31	490
3583	Metal Forming Machine Tools, Less Than $2500	11232	4664	1659	698
3584	Punching and Shearing Machines, Incl. Combination, NC	125	13321	18	2632
3586	Shearing Machines, Non-NC	274	4779	59	933
3587	Punching & Combination Punching & Shearing Machines, Non-NC	228	4282	34	547
3588	Bending, Folding, Straightening & Flattening Machines, NC	131	7214	14	1738
3589	Press Brakes, Non-NC	255	6137	46	1135
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	47	767	15	292
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	452	13789	93	3839
3593	Metal Forming Machine Tools, NC, N.E.C.	26	20630	4	695
3594	Mechanical Presses, Non-NC	220	28209	23	3693
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	29	1363	4	115
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	326	12967	46	-2123
3597	Headers & Upsetters, Non-NC	19	2918	1	17
3598	Forging Machines, Non-NC, N.E.C.	38	10856	2	67
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1105	31588	240	5745
	TOTAL FORMING			2341	28713
	TOTAL FORMING YTD	14986	183400		
	TOTAL ALL TYPES			75938	148148
	TOTAL ALL TYPES YTD	399497	807412		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	1	30	0	0	1	6
3464	0	0	0	0	0	0	0	0	1	450
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	0	0	12	56
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	12	107
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	1	9
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	1	58	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	1	42	0	0	0	0	0	0	0	0
3522	27	637	0	0	0	0	0	0	1	92
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	2	6	1	22	4	72
3533	0	0	0	0	0	0	14	249	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	18	169
3543	16	69	0	0	0	0	1	11	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	1	57	4	51
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	1	38
3559	3	127	0	0	7	52	15	44	4	138
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	6	151	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	1	6	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	1	3	19	85
3578	0	0	0	0	0	0	0	0	0	0
3579	2	85	0	0	0	0	22	91	0	0
4000	0	0	4	8	0	0	0	0	4	43
5000	363	367	46	5	11	13	327	240	964	198
CUT MO.	412	1327	50	13	21	101	390	932	1046	1514
CUT YTD	1666	3819	260	1079	217	689	1830	3995	4180	13941
1010	0	0	0	0	0	0	0	0	16	4
3582	0	0	0	0	0	0	0	0	0	0
3583	12	2	9	7	5	12	41	55	4	7
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	16	237	0	0	0	0	2	7
3587	0	0	0	0	0	0	0	0	18	336
3588	0	0	0	0	0	0	1	314	0	0
3589	0	0	6	215	0	0	0	0	7	27
3591	0	0	0	0	0	0	0	0	1	7
3592	0	0	1	5	1	170	0	0	20	448
3593	0	0	0	0	0	0	0	0	1	350
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	1	3	0	0	2	76	1	9
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	1	53
3599	2	52	10	318	0	0	38	326	50	1397
FRM MO.	14	54	43	785	6	182	82	771	121	2645
FRM YTD	16	138	577	5260	42	482	477	2822	1488	12477
TOT MO.	426	1381	93	798	27	283	472	1703	1167	4159
TOT YTD	1682	3957	837	6339	259	1171	2307	6817	5668	26418

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1988

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	1	284
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	1	118	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	1	64
3328	0	0	0	0	9	53	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	18	55	0	0	0	0
3336	0	0	0	0	1	4	2	25	0	0
3342	0	0	0	0	0	0	0	0	1	9
3464	0	0	0	0	14	138	1	29	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	85	420	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	1	17	1	152
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	1	29	0	0	0	0	0	0	1	289
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	1	156	0	0	0	0
3510	0	0	0	0	0	0	25	465	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	1	188
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	1	166
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	4	296
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	4	327
3533	0	0	0	0	0	0	2	168	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	0	0	1	7	1	208
3546	0	0	0	0	0	0	0	0	2	379
3554	0	0	0	0	0	0	0	0	10	713
3556	0	0	0	0	0	0	0	0	0	0
3558	2	28	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	1	33
3562	0	0	0	0	0	0	0	0	5	598
3564	0	0	0	0	0	0	0	0	1	122
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	0	0	1	35
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	0	0	4	89
4000	0	0	0	0	28	267	1	2	25	201
5000	41	4	0	0	129	21	126	184	198	24
CUT MO	45	179	0	0	285	1114	159	897	263	4177
CUT YTD	4230	1987	22	38	931	7226	779	2859	1805	29664
1010	0	0	0	0	0	0	0	0	0	0
3582	1	53	0	0	0	0	0	0	4	70
3583	0	0	0	0	116	21	20	30	45	9
3584	0	0	0	0	0	0	0	0	3	152
3586	1	7	1	23	17	150	0	0	0	0
3587	0	0	1	50	0	0	7	77	0	0
3588	0	0	0	0	0	0	0	0	1	32
3589	0	0	9	91	0	0	0	0	0	0
3591	0	0	0	0	0	0	6	88	0	0
3592	0	0	0	0	0	0	0	0	1	8
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	1	25
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	2	145	2	420
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	0	0	5	47	2	118	10	797
FRM MO	2	60	11	164	138	218	37	458	67	1513
FRM YTD	30	940	40	403	413	1330	436	2016	722	9369
TOT MO	47	239	11	164	423	1332	196	1355	330	5690
TOT YTD	4260	2927	62	441	1344	8556	1215	4875	2527	39033

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1988

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	33	0	0	0	0	0	0
3404	4	403	4	423	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	1	82	2	221	0	0	0	0	0	0
3412	0	0	66	10486	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	1	67	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	1	18	0	0
3342	0	0	2	117	0	0	3	24	0	0
3464	0	0	1	134	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	12	45	0	0	0	0	0	0
3469	138	1039	16	4920	0	0	0	0	1	15
3476	1	58	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	1	11	0	0	1	23	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	8	1358	0	0	0	0	0	0
3508	0	0	1	81	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	35	446	0	0	20	143	1	6	44	343
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	7	0	0	0	0	0	0
3516	1	56	0	0	0	0	1	29	0	0
3518	1	14	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	9	297	2	6	0	0	21	179	0	0
3527	1	12	3	540	0	0	0	0	0	0
3528	1	98	0	0	0	0	1	52	0	0
3529	22	774	22	500	0	0	0	0	0	0
3533	20	252	1	103	0	0	1	6	0	0
3539	0	0	1	294	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	15	277	12	63	0	0	0	0
3546	0	0	1	265	0	0	0	0	0	0
3554	10	68	0	0	0	0	0	0	0	0
3556	0	0	4	355	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	11	1470	6	83	0	0	1	3	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	2	94	0	0	0	0	0	0
3567	0	0	1	197	0	0	0	0	0	0
3571	3	482	0	0	0	0	1	14	0	0
3576	0	0	3	3242	0	0	0	0	0	0
3577	59	165	5	107	0	0	12	104	0	0
3578	2	176	2	29	0	0	0	0	0	0
3579	13	569	21	967	0	0	22	166	0	0
4000	35	154	13	174	0	0	7	22	0	0
5000	440	96	1734	200	0	0	312	178	2	5
CUT MO.	807	6711	1952	25336	32	206	385	824	47	363
CUT YTD	6021	34284	6304	114730	155	796	4507	6325	253	1383
1010	3	2	9	433	0	0	12	201	0	0
3582	3	38	0	0	0	0	9	160	0	0
3583	6	12	228	128	0	0	88	43	0	0
3584	0	0	2	436	0	0	0	0	0	0
3586	7	48	2	19	0	0	4	107	0	0
3587	0	0	6	57	0	0	2	27	0	0
3588	3	347	2	271	0	0	1	35	0	0
3589	2	10	0	0	0	0	15	435	0	0
3591	6	34	0	0	0	0	2	163	0	0
3592	1	8	7	180	0	0	28	342	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	2	217	0	0	0	0	0	0	0	0
3595	0	0	2	103	0	0	1	5	0	0
3596	1	103	7	734	0	0	21	278	0	0
3597	0	0	0	0	0	0	1	17	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	6	204	38	378	0	0	21	480	4	22
FRM MO.	40	1023	303	2739	0	0	205	2293	4	22
FRM YTD	554	7296	2358	23742	0	0	773	20525	14	58
TOT MO.	847	7734	2255	28075	32	206	590	3117	51	385
TOT YTD	6575	41580	8662	138472	155	796	5280	26850	267	1441

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1988

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	2	337	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	69	7301	1	35	0	0
3406	0	0	0	0	1	168	0	0	0	0
3409	0	0	0	0	40	7420	1	36	0	0
3411	0	0	0	0	8	2072	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	1	1963	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	20	1287	0	0	0	0
3329	0	0	0	0	11	191	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	9	127	0	0	0	0
3464	0	0	0	0	2	274	0	0	0	0
3466	0	0	0	0	1	89	0	0	0	0
3467	0	0	0	0	18	852	0	0	0	0
3468	0	0	0	0	4	119	0	0	0	0
3469	26	110	0	0	16	228	2	35	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	12	1286	0	0	0	0
3506	0	0	0	0	237	16240	7	319	4	34
3508	0	0	0	0	39	3121	0	0	0	0
3510	0	0	0	0	3	67	0	0	0	0
3512	13	88	0	0	0	0	48	335	14	129
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	8	1912	3	105	0	0
3522	49	175	0	0	8	832	4	197	0	0
3527	0	0	0	0	15	760	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	4	19	0	0	0	0
3533	0	0	0	0	20	2278	0	0	0	0
3539	0	0	0	0	2	478	2	153	0	0
3541	0	0	0	0	0	0	0	0	44	654
3543	0	0	0	0	29	445	0	0	0	0
3546	0	0	0	0	5	716	0	0	0	0
3554	0	0	0	0	1	27	0	0	0	0
3556	2	16	0	0	6	800	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	1	16	0	0	10	861	0	0	0	0
3562	0	0	0	0	34	2768	0	0	0	0
3564	0	0	0	0	15	812	0	0	0	0
3567	0	0	0	0	5	701	0	0	0	0
3571	0	0	0	0	153	1193	0	0	0	0
3576	0	0	0	0	7	230	0	0	0	0
3577	1	4	4	200	22	761	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	58	1977	0	0	0	0
4000	0	0	0	0	8	551	1	4	0	0
5000	83	165	9	1	5488	1042	50	35	0	0
CUT MO.	175	574	13	201	6391	62305	119	1254	62	817
CUT YTD	11690	2244	228	708	26598	333489	1342	5920	345	3104
1010	0	0	0	0	12	3315	0	0	0	0
3582	0	0	0	0	14	169	0	0	0	0
3583	1	2	1	2	77	107	0	0	0	0
3584	0	0	0	0	13	2044	0	0	0	0
3586	0	0	0	0	6	298	0	0	3	37
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	4	638	0	0	0	0
3589	0	0	0	0	6	345	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	34	2678	0	0	0	0
3593	0	0	0	0	3	345	0	0	0	0
3594	0	0	0	0	18	3386	0	0	0	0
3595	0	0	0	0	1	7	0	0	0	0
3596	0	0	0	0	6	261	0	0	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	11	30	35	1517	6	20	0	0
FRM MO.	1	2	12	32	229	15110	6	20	3	37
FRM YTD	3	60	53	727	1778	90325	39	95	270	879
TOT MO.	176	576	25	233	6620	77415	125	1274	65	854
TOT YTD	11693	2304	281	1435	28376	423814	1381	6015	615	3983

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
MAY 1988

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	3	64
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	15	925	0	0	0	0
3406	1	69	0	0	0	0
3409	0	0	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	0	0	0	0	0	0
3423	12	40	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	6	48	0	0	0	0
3336	0	0	0	0	0	0
3342	2	25	0	0	1	7
3464	17	531	0	0	0	0
3466	0	0	0	0	0	0
3467	120	555	0	0	0	0
3468	16	121	0	0	0	0
3469	5	113	1	12	3	31
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	9	378	0	0	0	0
3508	1	67	0	0	0	0
3510	0	0	0	0	0	0
3512	76	506	0	0	14	128
3513	0	0	0	0	0	0
3514	0	0	0	0	0	0
3515	3	31	0	0	0	0
3516	0	0	0	0	0	0
3518	1	6	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	0	0	0	0	0	0
3527	6	53	0	0	0	0
3528	0	0	0	0	0	0
3529	18	109	0	0	0	0
3533	0	0	0	0	0	0
3539	2	34	0	0	0	0
3541	9	34	0	0	0	0
3543	143	666	0	0	0	0
3546	0	0	0	0	0	0
3554	4	31	0	0	0	0
3556	0	0	0	0	1	48
3558	0	0	0	0	3	56
3559	9	59	0	0	1	3
3562	0	0	0	0	0	0
3564	0	0	13	140	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	37	183	0	0	0	0
3578	0	0	0	0	0	0
3579	3	16	0	0	0	0
4000	4	10	0	0	8	208
5000	55385	5103	13	19	4978	167
CUT MO.	55904	9713	27	171	5012	712
CUT YTD	271353	50833	186	775	39609	4139
1010	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	874	203	0	0	132	58
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	2	101
3589	0	0	0	0	1	12
3591	0	0	0	0	0	0
3592	0	0	0	0	0	0
3593	0	0	0	0	0	0
3594	0	0	0	0	2	65
3595	0	0	0	0	0	0
3596	2	27	0	0	1	67
3597	0	0	0	0	0	0
3598	1	14	0	0	0	0
3599	1	35	0	0	1	4
FRM MO.	878	279	0	0	139	307
FRM YTD	4572	2418	5	208	326	1834
TOT MO.	56782	9992	27	171	5151	1019
TOT YTD	275925	53251	191	983	39935	5973

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN

MAY 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	6	65	0	0	6	65
EAST GERMANY	9	194	1	4	10	198
FINLAND	0	0	0	0	0	0
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	2	101	2	101
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	1	7	0	0	1	7
MALTA	0	0	0	0	0	0
NORWAY	0	0	1	60	1	60
POLAND	12	101	0	0	12	101
ROMANIA	0	0	0	0	0	0
USSR	1	1	0	0	1	1
OTHER EUROPE	90	33	0	0	90	33
TOTAL	119	401	4	165	123	566
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	4890	307	32	56	4922	363
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	4890	307	32	56	4922	363
OTHER SOUTH AMERICA						
ARGENTINA	0	0	0	0	0	0
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	52	11	52	11
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	52	11	52	11

U.S. IMPORTS OF MACHINE TOOLS-TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN

MAY 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	0	0	0	0	0	0
INDIA	3	4	0	0	3	4
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	3	4	0	0	3	4
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	1	67	1	67
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	50	8	50	8
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	51	75	51	75

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

RELEASED: SEPTEMBER 2, 1988

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	57	4091	3	960
3045	Gear Cutting Machines, N.E.C.	21	4127	9	2016
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	64	4294	7	600
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	7	1606	0	0
3209	Horizontal Machining Centers, ATC, NC	8	2409	2	808
3211	Machining Centers, NC, N.E.C.	35	2910	8	413
3216	Single Station and Multi-Station Transfer Machines	12	9221	3	2415
3225	Way Type Machines (Unit Heads)	5	415	1	70
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	2	692	0	0
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	0	0	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	2	1112	1	600
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	2	218	1	68
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	7	180	1	88
3254	Drilling Machines, NC	10	602	8	325
3255	Drilling Machines, Multi-Spindle, Non-NC	9	593	3	243
3256	Drilling Machines, Radial, Non-NC	11	468	3	209
3257	Drilling Machines, Upright, Single Spindle, Non-NC	6	248	4	231
3258	Drilling Machines, Non-NC, N.E.C.	38	1159	6	579
3264	Milling Machines, NC	8	1264	4	543
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	16	1863	6	888
3267	Milling Machines, Knee Type, Non-NC	2	88	0	0
3268	Milling Machines, Bed Type, Non-NC	0	0	0	0
3269	Milling Machines, Non-NC, N.E.C.	61	3686	18	827
3276	Vertical Boring Machines, Incl. VTLs, NC	0	0	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	34	1614	7	209
3281	Boring Machines, NC, N.E.C.	3	210	0	0
3283	Boring Machines, Non-NC, N.E.C.	59	2909	22	852
3503	Horizontal Lathes, Multi-Spindle, NC	27	5731	5	3249
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	57	4275	9	673
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	16	2592	4	744
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	5	1486	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	41	1378	7	101
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	14	1524	2	205
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	478	2	92
3515	Automatic Bar Machines, Single-Spindle, Non-NC	15	138	2	9
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	21	798	3	135
3518	Horizontal Lathes, Non-NC, N.E.C.	138	3768	21	521
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	2	283	1	48
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	3	113	0	0
3525	Vertical Lathes, Excl. VTLs, Non-NC	38	1783	7	457
3528	Grinding, Polishing, Honing & Lapping Machines, NC	60	8413	5	1205
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	32	1193	7	251
3531	Tool & Cutter Grinding Machines, Non-NC	156	2461	27	230
3532	Honing & Lapping Machines, Non-NC	286	3196	83	769
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	47	776	13	213
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	113	8144	22	1420
3541	External Grinding Machines, Non-NC	8	475	2	49
3542	Internal Grinding Machines, Non-NC	16	2779	3	555
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	108	5421	6	707
3546	Grinding Machines, Non-NC, N.E.C.	118	4947	27	254
3547	Traveling Wire Electrical Discharge Machines	3	190	0	0
3549	All Other Electrical Discharge Machines	87	783	16	217
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	5	218	1	37
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	39	1313	7	192
3559	Metal Cutting Machine Tools, NC, N.E.C.	69	2960	9	602
3565	Sawing & Cut-Off Machines, Non-NC	216	2953	50	787
3566	Broaching Machines, Non-NC	7	1120	5	1061
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	125	3143	17	284
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	2519	23654	683	4266
5000	Metal Cutting Machine Tools, Less Than $2500**	12736	6831	5201	2021
	TOTAL CUTTING			6364	34484
	TOTAL CUTTING YTD	17612	151262		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	6951	0	1513
3568	Metal Forming Machine Tools, Used Or Rebuilt	405	4736	38	1380
3569	Metal Forming Machine Tools, Less Than $2500	3307	2069	654	389
3571	Punching & Shearing Machines, Incl. Combination, NC	49	8284	14	2979
3573	Shearing Machines, Non-NC	56	1271	11	177
3575	Punching & Combination Punching & Shearing Machines, Non-NC	388	9871	68	1468
3578	Bending, Folding, Straightening & Flattening Machines, NC	57	2568	14	652
3582	Press Brakes, Non-NC	37	1997	10	958
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	9	1171	0	0
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	452	14213	126	4265
3588	Mechanical Presses	134	11057	25	2398
3589	Hydraulic Presses, Vertical, Single Action	41	2498	20	772
3590	Hydraulic & Pneumatic Presses	489	21804	84	4419
3594	Headers & Upsetters, Non-NC	42	10405	3	712
3595	Forging Machines, Non-NC, N.E.C.	34	994	6	107
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	481	28275	83	5915
	TOTAL FORMING			1156	28104
	TOTAL FORMING YTD	5981	128151		
	TOTAL ALL TYPES			7520	62588
	TOTAL ALL TYPES YTD	23593	279413		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	1	102	0	0
3204	0	0	0	0	0	0	2	371	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	2	82	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	5	384	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	3	36	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	2	122	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	1	25	0	0
3565	0	0	0	0	0	0	0	0	1	11
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	14	8	5	56	0	0	28	395	0	0
5000	8	5	37	11	0	0	5	3	0	0
CUT MO.	22	13	47	451	0	0	44	1136	1	11
CUT YTD	56	231	127	2133	4	376	198	2624	11	540
1011	0	4	0	0	0	0	0	42	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	50	8	0	0	43	8	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	4	58	0	0
3578	0	0	0	0	0	0	1	33	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	1	25	1	9	1	7
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	4	39	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	4	91	0	0	0	0	0	0
FRM MO.	0	4	54	99	1	25	53	189	1	7
FRM YTD	1	96	92	772	8	155	247	3918	11	194
TOT MO.	22	17	101	550	1	25	97	1325	2	18
TOT YTD	57	327	219	2905	12	531	445	6542	22	734

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	1	600
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	3	103	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	1	176	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	3	436	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	2	89	0	0
3518	0	0	1	25	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	1	42	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	15	86	1	8	1	15	2	27	2	15
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	158	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	2	28	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	1	10	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	41	143	3	8	0	0	0	0	2	20
5000	0	0	14	9	0	0	30	19	1	2
CUT MO.	67	1172	19	50	1	15	35	145	6	637
CUT YTD	306	4154	140	973	1	15	216	1087	107	1246
1011	0	8	0	2	0	0	0	22	0	27
3568	2	35	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	2	378	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	3	146	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	18	281	0	0	0	0	10	472	0	0
3588	2	247	0	0	0	0	1	399	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	8	357	0	0	2	96	3	270
FRM MO.	25	717	10	737	0	0	13	989	3	297
FRM YTD	67	3647	69	2231	0	0	51	3178	72	647
TOT MO.	92	1889	29	787	1	15	48	1134	9	934
TOT YTD	373	7801	209	3204	1	15	267	4265	179	1893

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	1	880	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	2	199	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	2	83	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	1	5	0	0	0	0	0	0
3257	0	0	4	231	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	1	154	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	2	124	0	0	0	0	0	0
3507	0	0	2	265	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	3	32	4	320	0	0	1	24	0	0
3521	1	48	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	1	215	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	2	73	0	0
3531	0	0	1	18	0	0	4	25	0	0
3532	0	0	4	29	0	0	18	191	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	12	147	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	4	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	1	70	0	0	0	0	0	0	0	0
3559	0	0	1	169	0	0	0	0	0	0
3565	1	16	1	9	0	0	3	51	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	3	0	0
4000	5	14	17	283	0	0	3	26	0	0
5000	9	4	296	162	0	0	54	89	0	0
CUT MO.	21	399	350	2119	1	880	88	565	0	0
CUT YTD	121	1413	1434	11512	7	947	615	5983	1	74
1011	0	8	0	29	0	0	0	254	0	0
3568	0	0	0	0	0	0	2	46	0	0
3569	8	2	0	0	0	0	68	26	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	3	38	0	0	0	0	0	0
3578	0	0	0	0	0	0	5	170	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	14	310	0	0	2	16	0	0
3588	0	0	1	18	0	0	0	0	0	0
3589	0	0	6	104	0	0	0	0	0	0
3590	1	62	1	41	0	0	5	1136	0	0
3594	0	0	0	0	0	0	2	258	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	8	558	0	0	7	166	0	0
FRM MO.	9	72	33	1098	0	0	91	2072	0	0
FRM YTD	38	909	179	5951	2	52	793	9258	4	612
TOT MO.	30	471	383	3217	1	880	179	2637	0	0
TOT YTD	159	2322	1613	17463	9	999	1408	15241	5	686

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674	OTH EUROPE		CANADA		MEXICO		OTH N & C		ARGENTINA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	2	687	0	0	0	0	0	0
3204	0	0	2	190	1	40	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	406	0	0	0	0	0	0
3211	0	0	0	0	1	26	0	0	0	0
3216	0	0	1	100	0	0	0	0	0	0
3225	0	0	1	70	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	1	68	0	0	0	0
3249	0	0	1	88	0	0	0	0	0	0
3254	0	0	1	78	1	34	0	0	0	0
3255	0	0	0	0	2	160	0	0	0	0
3256	0	0	0	0	1	28	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	1	4	0	0	0	0	0	0
3264	0	0	2	400	0	0	0	0	0	0
3266	0	0	4	853	1	12	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	11	91	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	1	126	3	44	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	19	551	0	0	0	0
3503	0	0	0	0	1	122	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	2	479	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	4	78	1	16	0	0	0	0
3511	1	130	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	1	46	0	0	0	0	0	0
3518	0	0	3	33	7	70	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	4	372	0	0	0	0
3528	0	0	1	29	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	8	47	8	48	0	0	0	0
3532	0	0	1	6	8	39	0	0	0	0
3533	0	0	2	14	0	0	0	0	0	0
3538	0	0	2	887	15	141	0	0	0	0
3541	0	0	2	49	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	1	4	1	4	0	0	0	0
3546	0	0	2	25	11	75	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	6	51	2	106	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	1	21	0	0	0	0	0	0
3559	0	0	1	27	0	0	0	0	0	0
3565	0	0	14	91	19	266	2	9	1	194
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	4	37	8	61	0	0	0	0
4000	5	14	38	474	404	989	7	6	0	0
5000	15	13	2050	697	199	189	10	10	0	0
CUT MO	21	157	2160	6097	729	3552	19	25	1	194
CUT YTD	159	1257	5610	28605	2361	17846	219	371	46	809
1011	0	7	0	880	0	23	0	14	0	0
3568	0	0	10	612	12	532	2	31	0	0
3569	0	0	339	204	60	56	0	0	0	0
3571	0	0	8	1728	0	0	0	0	0	0
3573	0	0	2	37	9	140	0	0	0	0
3575	1	15	4	117	10	196	3	11	0	0
3578	0	0	3	90	1	75	0	0	0	0
3582	0	0	4	118	2	17	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	18	33	447	4	83	0	0	0	0
3588	0	0	0	0	5	87	0	0	0	0
3589	2	73	0	0	4	160	0	0	0	0
3590	0	0	6	139	54	714	1	6	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	1	33	2	23	3	51	0	0
3598	1	13	9	387	9	277	0	0	1	18
FRM MO	6	126 ✓	419	4792	172	2383	9	113	1	18
FRM YTD	72	1213	1999	22840	1075	12923	24	381	23	578
TOT MO	27	283	2579	10889	901	5935	28	138	2	212
TOT YTD	231	2470	7609	51445	3436	30769	243	752	69	1387

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	2	80	0	0
3045	0	0	0	0	5	692	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	179	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	45	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	3	225	0	0	1	35	0	0	0	0
3276	0		0	0	0	0	0	0	0	0
3277	0	0	0	0	2	27	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	2	201
3503	1	171	0	0	0	0	0	0	2	2566
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	2	17	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	1	45	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	1	17	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	2	11	1	245
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	1	433
3544	0	0	0	0	0	0	0	0	1	73
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	4	28	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	8	0	0	0	0	0	0
4000	1	140	33	218	7	778	19	48	0	0
5000	21	27	39	40	1811	277	21	18	1	2
CUT MO	27	742	75	328	1832	1854	45	202	8	3520
CUT YTD	69	2611	107	1110	2218	6773	122	845	174	9397
1011	0	0	0	0	0	0	0	0	0	0
3568	0	0	5	25	2	42	0	0	0	0
3569	0	0	9	8	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	30	0	0	0	0	1	4	0	0
3578	0	0	0	0	2	82	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	3	71	0	0	5	1068	0	0	0	0
3589	0	0	0	0	0	0	0	0	2	240
3590	0	0	0	0	0	0	1	18	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	130	1	50	0	0	0	0	0	0
FRM MO	5	231	15	83	9	1192	2	22	2	240
FRM YTD	31	2668	25	401	110	3916	22	306	34	2631
TOT MO	32	973	90	411	1841	3046	47	224	10	3760
TOT YTD	100	5279	132	1511	2328	10689	144	1151	208	12028

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	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	535
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	1	83
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	2	143
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	1	14
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	1	390	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	1	30	0	0	0	0	1	62
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	50	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	510
3529	0	0	1	34	0	0	0	0	1	30
3531	2	11	0	0	0	0	0	0	1	18
3532	0	0	1	18	0	0	0	0	0	0
3533	8	94	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	2	468
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	1	37	0	0
3553	0	0	0	0	0	0	0	0	5	101
3559	1	11	0	0	0	0	0	0	0	0
3565	1	20	3	53	0	0	0	0	1	19
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	2	56
4000	1	27	4	102	0	0	1	3	15	95
5000	3	5	1	2	0	0	0	0	233	145
CUT MO	17	558	13	289	0	0	2	40	267	2279
CUT YTD	174	1050	124	1448	26	289	84	3360	995	10171
1011	0	6	0	18	0	0	0	12	0	58
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	10	19
3571	0	0	0	0	0	0	2	675	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	8	0	0	0	0	5	115	4	152
3578	0	0	0	0	0	0	0	0	1	27
3582	4	823	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	32	0	0	0	0	0	0	4	465
3588	0	0	0	0	0	0	1	63	0	0
3589	0	0	6	195	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	5	1317
3594	0	0	1	454	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	9	220	6	161	0	0	0	0	5	179
FRM MO	15	1089	13	828	0	0	8	865	29	2217
FRM YTD	79	2263	23	1203	6	285	14	1810	206	15624
TOT MO	32	1647	26	1117	0	0	10	905	296	4496
TOT YTD	253	3313	147	2651	32	574	98	5170	1201	25795

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	35	0	0	0	0	0	0
3216	2	2315	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	1	27	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	1	23	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	308	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	1	12	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	2	165	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	2	7	0	0
3511	1	75	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	406
3529	2	72	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	1	53
3532	2	37	0	0	0	0	0	0	5	68
3533	0	0	0	0	0	0	2	68	1	37
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	1	4	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	3	34	0	0	0	0	0	0	1	56
3565	0	0	0	0	0	0	0	0	0	0
3566	5	1061	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	119
4000	12	270	0	0	0	0	8	19	8	60
5000	0	0	0	0	28	42	66	53	94	12
CUT MO	32	4364	1	35	29	54	79	174	112	811
CUT YTD	379	19171	71	490	179	438	272	2820	330	3065
1011	0	0	0	0	0	0	0	25	0	16
3568	3	57	0	0	0	0	0	0	0	0
3569	0	0	0	0	3	3	58	48	0	0
3571	1	95	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	8	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	1	175
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	5	104	0	0	0	0	0	0	0	0
3588	2	54	0	0	0	0	4	381	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	3	815	0	0	0	0	0	0	2	119
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	3	1041	4	99	0	0	1	7	0	0
FRM MO	18	2174	4	99	3	3	63	461	3	310
FRM YTD	133	8366	5	127	18	103	111	1078	55	5433
TOT MO	50	6538	5	134	32	57	142	635	115	1121
TOT YTD	512	27537	76	617	197	541	383	3898	385	8498

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674	UNITS	$C00	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	1	402	0	0	0	0
3211	1	48	0	0	2	43	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	1	94	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	100	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	2	9	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	1	35	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	11	95	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	1	16	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	1	280	0	0	0	0
3565	0	0	1	31	0	0	1	7	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	20	0	0	1	50	0	0	0	0
5000	0	0	42	28	28	40	24	25	0	0
CUT MO	3	168	44	75	48	1048	25	32	0	0
CUT YTD	28	1886	146	1149	151	1774	55	99	2	9
1011	0	0	0	7	0	0	0	4	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	6	7	0	0	0	0
3571	0	0	0	0	1	103	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	24	387	2	74	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	7	114	21	244	2	1638	0	0
3588	0	0	1	10	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	1	13	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	1	1795	0	0	0	0
FRM MO	0	0	32	518	32	2236	2	1642	0	0
FRM YTD	10	546	118	4273	127	4592	10	1724	0	0
TOT MO	3	168	76	593	80	3284	27	1674	0	0
TOT YTD	38	2432	264	5422	278	6366	65	1823	2	9

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
MAY 1988

	EGYPT		REP. S. AFR		OTH. AFRICA	
674	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	2	10	0	0
3532	0	0	8	82	0	0
3533	0	0	0	0	0	0
3538	0	0	1	120	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	1	3	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	61	92	0	0
CUT MO.	0	0	73	307	0	0
CUT YTD	1	227	162	892	4	26
1011	0	6	0	25	0	16
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	1	109
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	0	6	0	25	1	125
FRM YTD	0	9	11	58	6	1193
TOT MO.	0	6	73	332	1	125
TOT YTD	1	236	173	950	10	1219

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS
MAY 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	2	73	2	73
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	11	10	1	22	12	32
GIBRALTAR	0	0	0	0	0	0
GREECE	5	7	0	0	5	7
HUNGARY	0	0	0	0	0	0
ICELAND	4	10	0	0	4	10
MALTA	0	0	0	0	0	0
NORWAY	0	0	2	18	2	18
PORTUGAL	1	130	1	13	2	143
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	21	157	6	126	27	283
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	8	6	0	0	8	6
BARBADOS	1	2	0	0	1	2
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	0	0	5	52	5	52
DOMINICAN REP	7	11	0	0	7	11
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	3	6	1	10	4	16
HAITI	0	0	1	35	1	35
HONDURAS	0	0	2	14	2	14
JAMAICA	0	0	0	0	0	0
LW & WW IS	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	2	0	2
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	19	25	9	113	28	138
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	25	109	2	22	27	131
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	1	45	0	0	1	45
SURINAM	0	0	0	0	0	0
URAGUAY	19	48	0	0	19	48
OTHER S. AM	0	0	0	0	0	0
TOTAL	45	202	2	22	47	224
OTHER OCEANIA						
FR. PAC. IS	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS	0	0	0	0	0	0
OTH. PAC. IS	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN

MAY 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	4	3	1	8	5	11
BANGALDESH	0	0	0	4	0	4
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	19	13	0	0	19	13
LEBANON	0	0	0	0	0	0
MALAYSIA	19	12	18	318	37	330
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	0	0	6	109	6	109
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	2	47	7	79	9	126
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	44	75	32	518	76	593
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	16	0	16
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	1	109	1	109
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	1	125	1	125

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

A8050-3
10/3/88

REPORT

NMTBA
The Association For Manufacturing Technology

Direct Dial: (703)827-5260

STATISTICAL

No. 118-88 September 23, 1988

U.S. Foreign Trade in Machine Tools First Six Months of 1988

On the strength of both growing exports and falling imports, the U.S. balance of trade in machine tools improved by over $100 million for the first six months of 1988 compared with the same time period in 1987. U.S. exports increased nearly 10% during the first half of this year, while U.S. imports fell 7%.

The table below details U.S. foreign trade in machine tools for both the second quarter and the first half of 1988. Highlights of the foreign trade activity in general and for specific countries are presented on the following pages.

U.S. Machine Tool Trade
($Millions)

	2nd Quarter 1988			6 Months 1988		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$106.7	$351.8	($245.1)	$195.4	$745.8	($ 550.4)
Metal Forming	$ 83.3	$ 98.6	($ 15.3)	$155.3	$ 226.0	($ 70.7)
Total	$190.0	$450.3	($260.4)	$350.7	$ 971.8	($ 621.1)

EXPORTS

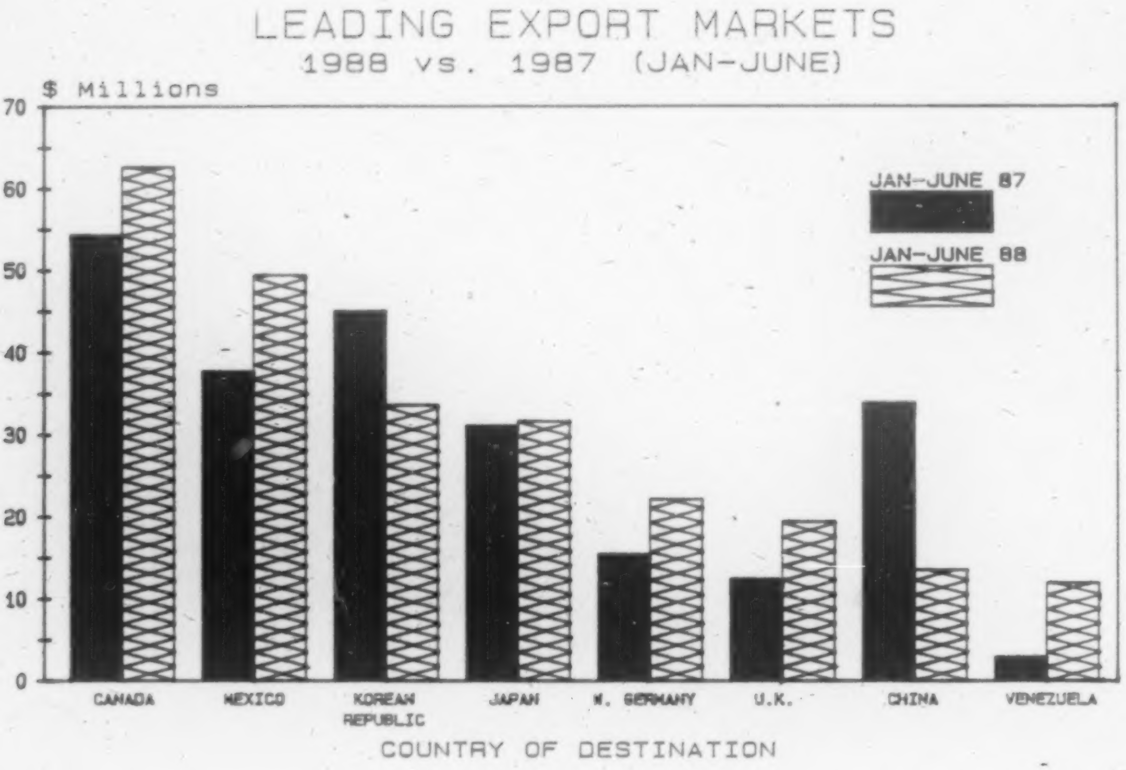
Compared to the first six months of 1987, exports of metal cutting and metal forming machinery both increased at a similar pace of 9.7% and 9.6%, respectively. Comparisons on a regional basis are shown on the following page for the first six months of 1988 and 1987.

	Jan-June 1988 (Millions)	Jan-June 1987 (Millions)	% Change
Asia	$119.4	$134.1	- 11.0%
N & C America	113.2	94.0	+ 20.4
Europe	82.9	65.2	+ 27.2
South America	23.5	16.3	+ 44.2
Oceania	8.8	5.8	+ 51.7
Africa	2.9	4.5	- 35.6
	$350.7	$319.9	+ 9.6%

Exports to eight countries represented 70% of total U.S. machine tool exports. Ranked by dollar value for January through June, the leading markets were:

	Jan-June 1988		Jan-June 1987		%Change 87:88
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Canada	$ 62.6	17.8%	$ 54.3	17.0%	+ 15.3%
Mexico	49.4	14.1	37.7	11.8	+ 31.0
Korean Republic	33.6	9.6	45.0	14.1	- 25.3
Japan	31.6	9.0	31.1	9.7	+ 1.6
West Germany	22.1	6.3	15.4	4.8	+ 43.5
United Kingdom	19.4	5.5	12.4	3.9	+ 56.5
China	13.5	3.9	33.9	10.6	- 60.2
Venezuela	11.9	3.4	2.9	0.9	+310.3
	$244.1	69.6%	$232.5	72.7%	+ 5.0%

Canada was the leading market for U.S. machine tools in the first half of 1988, accounting for 18% of total U.S. exports. Metal forming machinery exports to Canada jumped 25% from the same period last year to $26.6 million in 1988. Exports of metal cutting machinery increased to $36.0 million, up 9% from last year's level.



Mexico's share of U.S. exports continued to rise, increasing from 12% for the first half of 1987 to 14% in 1988. Metal cutting exports increased 46% to $33.7 million in 1988. Metal forming exports showed a 7% rise over last year, to $15.7 million.

U.S. exports to the Korean Republic decreased for metal forming machine tools during the first half of 1988 by 55% to $10.9 million. Metal cutting exports increased 8%, to $22.8 million. The Korean Republic's total share of U.S. exports fell from 14% during the first half of 1987 to 10% in 1988.

U.S. exports to Japan represented 9% of total U.S. machine tool exports for the first six months of 1988. Metal cutting exports fell 21%, down from $15.2 million to $12.0 million. Metal forming exports, at $19.6 million, were up 24% from the first half of 1987.

West Germany's share of total U.S. exports stood at 6% for the first six months of 1988, up from 5% last year. Exports of metal cutting machine tools fell 15% to $8.9 million while metal forming exports jumped 172% to stand at $13.1 million.

Total exports to the United Kingdom stood at $19.4 million for the current period, up 57% from last year's total. Metal cutting exports totaled $12.6 million, up 58% from the first half of 1987. Metal forming exports rose 55% from last year to $6.8 million.

Metal cutting exports to China during the first half of 1988 were $10.6 million, 32% below the comparable 1987 total. Exports of metal forming machine tools decreased 84% from last year, to $2.9 million. This activity amounted to a 4% share of U.S. exports for China, a decrease of 7 percentage points from last year.

Venezuela ranked as the eighth leading export market for U.S. machine tools in the first half of 1988 with a total share of 3%, up from less than 1% in 1987. Metal forming exports jumped 89% to $4.3 million. Exports of metal cutting machinery rose to $7.6 million in 1988, up from just $563 thousand in 1987.

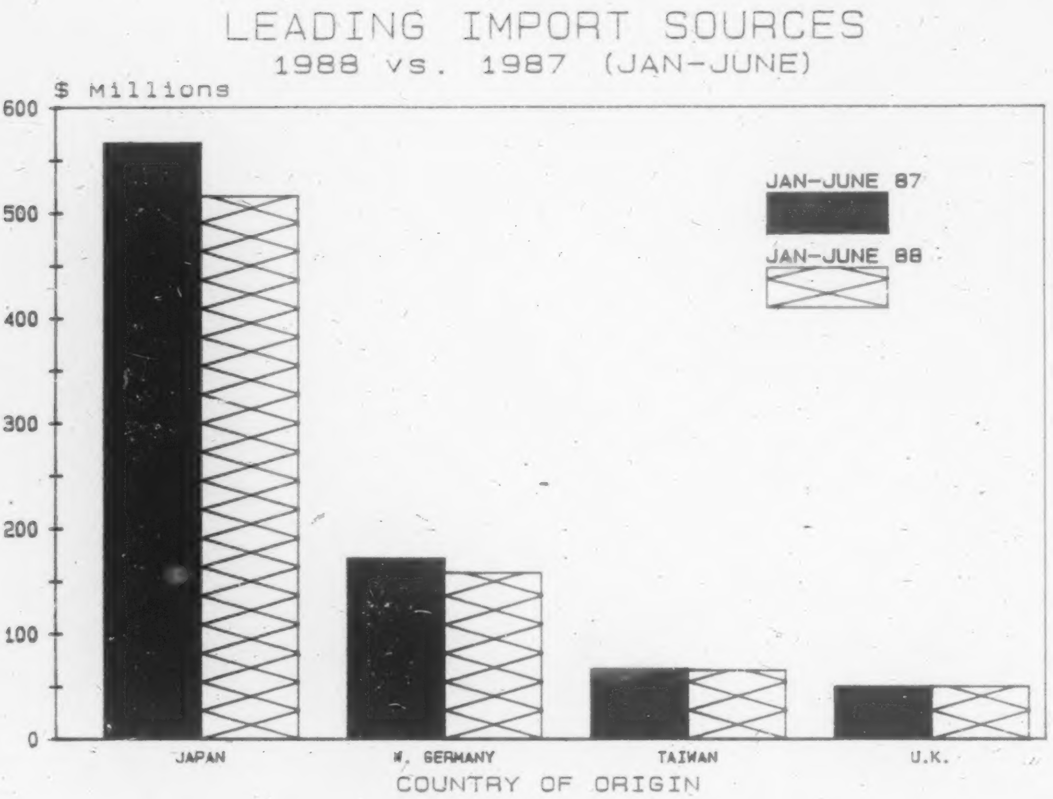
IMPORTS

U.S. imports of machine tools totaled $971.8 million during the first half of 1988. Imports of metal cutting machinery reached $745.8 million and metal forming imports stood at $226.0 million. Compared to the same period last year, metal cutting imports decreased 5% while metal forming imports fell 14%.

Four countries supplied 81% of total U.S. machine tool imports during the first six months of 1988. Decreases in dollar value occurred in Japan, West Germany and Taiwan while the United Kingdom showed a small increase.

	Jan-June 1988		Jan-June 1987		%Change 87:88
	$ Mil.	% of Total	$ Mil.	% of Total	Dollar Value
Japan	$515.7	53.1%	$566.3	54.2%	- 8.9%
West Germany	158.1	16.3	171.6	16.4	- 7.9
Taiwan	65.2	6.7	66.5	6.4	- 2.0
United Kingdom	49.8	5.1	49.7	4.8	+ 0.2
	$788.7	81.2%	$854.1	81.8%	- 7.7%

Japan was the leading exporter of machine tools to the U.S. in the first half of 1988, at $515.7 million down 9% from last year's level. Imports of metal cutting equipment from Japan fell 3% to $401.9 million. Metal forming imports dropped by 25% to $113.8 million.



Total U.S. imports from West Germany fell 8% from the first half of 1987 to $158.1 million. Both metal cutting and metal forming imports fell from the same period last year, dropping 5% and 21%, respectively. Metal cutting imports stood at $130.7 million and metal forming imports registered $27.3 million for the first six months of 1988.

The overall dollar value of Taiwan's exports of machine tools to the U.S. fell 2% to $65.2 million. Imports of metal cutting machinery dropped 5% from last year, to $61.9 million. Metal forming imports doubled from $1.6 million in 1987 to $3.3 million in 1988.

Imports from the United Kingdom increased 0.2% to stand at $49.8 million for the first half of 1988. Imports of metal cutting machine tools increased 3% to $40.8 million. Metal forming imports of $9.0 million represents an 11% decrease from the same period last year.

ES, I1, I2

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

RELEASED: SEPTEMBER 23, 1988

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	37	5275	5	444
3035	Gear Shapers	8	1902	3	828
3045	Gear Cutting Machines, N.E.C.	23	1300	5	150
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	859	66959	118	10645
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	43	4800	6	482
3409	Horizontal Machining Centers, ATC, NC	380	57038	48	7858
3411	Machining Centers, NC, N.E.C.	166	36376	35	2278
3412	Single Station and Multi-Station Transfer Machines	119	35711	17	11458
3413	Way Type Machines, (Unit Heads)	0	0	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	1	758	0	0
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	25	2932	2	275
3419	Vertical Boring-Drilling-Milling Machines, NC	62	7269	14	1481
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	3	1270	1	770
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	81	2713	13	46
3328	Drilling Machines, NC	134	5269	31	961
3329	Drilling Machines, Multi-Spindle, Non-NC	37	422	0	0
3334	Drilling Machines, Radial, Non-NC	70	414	13	54
3336	Drilling Machines, Upright, Single Spindle, Non-NC	85	584	20	166
3342	Drilling Machines, Non-NC, N.E.C.	228	9419	49	2182
3464	Milling Machines, NC	153	16991	22	1403
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	14	422	3	55
3467	Milling Machines, Knee Type, Non-NC	1598	9664	326	1948
3468	Milling Machines, Bed Type, Non-NC	169	8716	31	3639
3469	Milling Machines, Non-NC, N.E.C.	1293	22655	254	4058
3476	Vertical Boring Machines, Incl. VTL's, NC	8	1591	0	0
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	27	1126	2	28
3481	Boring Machines, NC, N.E.C.	4	907	0	0
3483	Boring Machines, Non-NC N.E.C.	197	4424	42	644
3504	Horizontal Lathes, Multi-Spindle, NC	79	8944	14	1660
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1645	104476	291	17202
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	217	25324	32	4414
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	42	2543	1	91
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1296	11530	208	1558
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	2	143	0	0
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	865	2	147
3515	Automatic Bar Machines, Single Spindle, Non-NC	89	2687	27	821
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	36	1563	2	93
3518	Horizontal Lathes, Non-NC, N.E.C.	137	2912	61	758
3505	Vertical Lathes, Multi-Spindle, NC	22	1754	1	97
3519	Vertical Lathes, NSPF, NC	73	6606	12	1023
3522	Vertical Lathes, Excl. VTL's, Non-NC	527	10969	122	2015
3527	Gear Tooth Grinding & Finishing Machines	341	13369	90	1047
3528	Tool & Cutter Grinding Machines, NC	47	1614	18	292
3529	Tool & Cutter Grinding Machines, Non-NC	577	21757	75	1005
3533	Honing & Lapping Machines	214	12949	31	368
3539	Grinding Machines, Flat Surface, NC	35	2998	12	782
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	344	5337	99	1727
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1168	[illegible]	106	1409
3546	Grinding & Polishing Machines, NC, N.E.C.	92	[illegible]	16	1658
3554	External Grinding Machines, Non-NC	205	6962	51	2070
3556	Internal Grinding Machines, Non-NC	29	2122	4	123
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	80	2068	7	311
3559	Grinding Machines, Non-NC, N.E.C.	606	16107	129	2953
3562	Traveling Wire Electrical Discharge Machines	420	29427	72	5924
3564	All Other Electrical Discharge Machines	187	9382	27	1226
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	52	6805	12	1699
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	500	3352	49	92
3576	Metal Cutting Machines Tools, NC, N.E.C.	139	8515	27	940
3577	Sawing & Cut-Off Machines, Non-NC	775	11409	100	906
3578	Broaching Machines, Non-NC	110	1586	3	214
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	777	22344	144	5658
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1013	9639	126	802
5000	Metal Cutting Machine Tools, Less Than $2500**	456331	47805	86495	8882
	TOTAL CUTTING			89526	121816
	TOTAL CUTTING YTD	474037	745828		
674:	METAL FORMING				
1010	Die Casting Machines	247	19515	22	2015
3582	Metal Forming Machine Tools, Used or Rebuilt	288	2695	34	275
3583	Metal Forming Machine Tools, Less Than $2500	13228	5691	1996	1027
3584	Punching and Shearing Machines, Incl. Combination, NC	144	16372	19	3051
3586	Shearing Machines, Non-NC	334	6541	60	1762
3587	Punching & Combination Punching & Shearing Machines, Non-NC	288	6205	60	1923
3588	Bending, Folding, Straightening & Flattening Machines, NC	151	9593	20	2379
3589	Press Brakes, Non-NC	297	7625	42	1488
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	54	850	7	83
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	594	21029	142	7240
3593	Metal Forming Machine Tools, NC, N.E.C.	28	20741	2	111
3594	Mechanical Presses, Non-NC	269	31303	49	3094
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	31	1480	2	117
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	533	22795	207	9828
3597	Headers & Upsetters, Non-NC	28	4497	9	1579
3598	Forging Machines, Non-NC, N.E.C.	49	11449	11	593
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1395	37587	290	5999
	TOTAL FORMING			2972	42565
	TOTAL FORMING YTD	17958	225965		
	TOTAL ALL TYPES			92498	164381
	TOTAL ALL TYPES YTD	491995	971793		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	20
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	1	47
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	1	770
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	4	53
3342	0	0	0	0	0	0	0	0	12	1070
3464	0	0	0	0	0	0	0	0	1	136
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	0	0	1	6
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	1	19
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	11	116
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	1	16	0	0
3508	0	0	0	0	0	0	3	257	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	1	61
3522	17	271	0	0	0	0	0	0	0	0
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	16	268
3529	0	0	0	0	0	0	0	0	7	36
3533	0	0	0	0	2	32	0	0	13	54
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	15	207
3543	0	0	0	0	0	0	0	0	1	5
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	4	51
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	40	315	0	0	13	64	0	0	17	156
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	6	144	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	1	17
3577	0	0	0	0	0	0	2	51	19	93
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	1	20	24	290	0	0
4000	0	0	1	5	0	0	1	4	1	12
5000	76	24	2	1	12	11	401	276	808	170
CUT MO.	133	610	3	6	28	127	438	1038	936	3367
CUT YTD	1799	4429	263	1085	245	816	2268	5033	5116	17308
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	1	8	0	0	0	0
3583	30	10	5	3	0	0	146	132	13	12
3584	0	0	0	0	0	0	0	0	1	60
3586	0	0	1	35	0	0	0	0	10	224
3587	0	0	0	0	0	0	0	0	16	89
3588	0	0	1	135	0	0	0	0	1	126
3589	0	0	3	176	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	2	618	0	0	0	0	27	3139
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	2	17
3595	1	83	0	0	0	0	0	0	0	0
3596	0	0	1	34	0	0	0	0	4	35
3597	0	0	0	0	0	0	0	0	2	272
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	15	701	0	0	34	105	17	1029
FRM MO.	31	93	28	1702	1	8	180	237	93	5003
FRM YTD	47	231	605	6962	43	490	657	3059	1581	17480
TOT MO.	164	703	31	1708	29	135	618	1275	1029	8370
TOT YTD	1846	4660	868	8047	288	1306	2925	8092	6697	34788

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	1	6	3	91	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	7	132
3412	0	0	0	0	0	0	0	0	6	1002
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	4	740
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	1	39	0	0
3342	0	0	0	0	10	32	7	61	1	25
3464	0	0	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	143	927	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	15	74	0	0	2	145
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	1	70
3516	0	0	0	0	0	0	0	0	2	93
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	1	6	0	0	3	161	0	0	2	17
3522	0	0	0	0	0	0	1	13	1	33
3527	0	0	0	0	0	0	0	0	4	344
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	1	9	16	87
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	1	443	0	0	1	44	0	0	1	59
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	9	445	11	1282
3556	0	0	0	0	0	0	0	0	0	0
3558	3	90	0	0	0	0	0	0	2	152
3559	3	273	0	0	0	0	0	0	7	393
3562	0	0	0	0	6	87	0	0	6	744
3564	0	0	0	0	0	0	0	0	2	238
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	8	27	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	1	3	6	239
4000	1	3	0	0	1	4	2	17	5	4
5000	81	99	0	0	5	1	174	208	1130	80
CUT MO.	98	941	0	0	185	1336	199	886	1216	5879
CUT YTD	4328	2928	22	38	1116	8562	978	3745	3021	35543
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	1	1	0	0	75	54	9	7	179	22
3584	0	0	0	0	0	0	0	0	4	503
3586	2	18	1	19	0	0	0	0	0	0
3587	0	0	0	0	20	168	6	87	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	2	18	0	0	0	0	0	0
3591	0	0	0	0	0	0	5	56	0	0
3592	0	0	1	4	0	0	5	106	1	15
3593	0	0	0	0	0	0	1	59	0	0
3594	1	321	4	44	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	1	169	1	310
3597	0	0	0	0	0	0	0	0	1	183
3598	0	0	0	0	0	0	0	0	1	4
3599	0	0	0	0	7	501	30	84	13	180
FRM MO.	4	340	8	85	102	723	57	568	200	1217
FRM YTD	34	1280	48	488	515	2053	493	2584	922	10586
TOT MO.	102	1281	8	85	287	2059	256	1454	1416	7096
TOT YTD	4362	4208	70	526	1631	10615	1471	6329	3943	46129

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	1	246	0	0	0	0	0	0
3035	0	0	3	828	0	0	0	0	0	0
3045	0	0	1	53	0	0	0	0	0	0
3404	12	1092	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	1	30	0	0	10	61	0	0
3412	0	0	1	938	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	3	520	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	2	17
3336	0	0	5	39	0	0	0	0	0	0
3342	4	20	3	723	0	0	4	175	0	0
3464	2	188	3	270	0	0	0	0	0	0
3466	0	0	2	19	0	0	0	0	0	0
3467	4	44	0	0	0	0	0	0	0	0
3468	0	0	17	3591	0	0	0	0	0	0
3469	162	1338	9	2117	0	0	33	183	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	28	462	0	0	2	42	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	21	641	19	526	0	0	0	0	0	0
3508	0	0	3	398	0	0	0	0	1	5
3510	0	0	0	0	0	0	0	0	0	0
3512	10	213	0	0	40	266	0	0	47	281
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	3	90	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	2	75	2	474	0	0	1	4	56	205
3505	1	97	0	0	0	0	0	0	0	0
3519	0	0	1	285	0	0	0	0	0	0
3522	9	118	4	36	0	0	39	650	8	37
3527	0	0	2	19	0	0	1	9	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	3	17	28	564	0	0	2	36	0	0
3533	14	110	2	172	0	0	0	0	0	0
3539	0	0	1	461	0	0	0	0	0	0
3541	0	0	1	211	0	0	0	0	0	0
3543	0	0	9	142	0	0	0	0	0	0
3546	2	268	6	344	0	0	0	0	0	0
3554	3	77	21	64	0	0	0	0	0	0
3556	0	0	4	123	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	6	1012	17	328	0	0	0	0	0	0
3562	0	0	2	334	0	0	0	0	0	0
3564	1	15	1	76	0	0	0	0	0	0
3567	0	0	1	205	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	3	37	6	410	0	0	10	230	0	0
3577	14	54	10	151	1	3	13	105	0	0
3578	3	214	0	0	0	0	0	0	0	0
3579	24	585	23	305	0	0	24	412	0	0
4000	32	140	32	225	0	0	14	200	0	0
5000	434	169	465	223	25	35	297	210	0	0
CUT MO.	766	6524	740	16002	66	304	450	2317	114	545
CUT YTD	6787	40808	7044	130732	221	1100	4957	8642	367	1928
1010	1	2	13	126	0	0	4	47	0	0
3582	4	16	1	20	0	0	25	133	0	0
3583	3	3	167	209	0	0	77	40	0	0
3584	0	0	4	877	0	0	0	0	0	0
3586	21	104	1	960	0	0	2	75	0	0
3587	1	5	4	43	0	0	1	12	0	0
3588	2	346	0	0	0	0	4	66	0	0
3589	0	0	0	0	0	0	14	358	0	0
3591	1	4	0	0	0	0	0	0	0	0
3592	16	521	0	0	0	0	32	710	2	8
3593	0	0	0	0	0	0	0	0	0	0
3594	1	98	0	0	0	0	2	77	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	2	63	5	160	0	0	8	193	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	1	6	8	402	0	0	0	0	0	0
3599	38	529	39	784	0	0	6	404	0	0
FRM MO.	91	1697	242	3581	0	0	175	2115	2	8
FRM YTD	645	8993	2600	27323	0	0	948	22640	16	66
TOT MO.	857	8221	982	19583	66	304	625	4432	116	553
TOT YTD	7432	49801	9644	158055	221	1100	5905	31282	383	1994

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	3	178	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	98	9131	0	0	0	0
3406	0	0	0	0	2	291	0	0	0	0
3409	5	91	0	0	43	7767	0	0	0	0
3411	0	0	0	0	13	1678	0	0	0	0
3412	0	0	0	0	10	9518	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	2	275	0	0	0	0
3419	0	0	0	0	1	55	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	1	3	0	0	0	0
3328	0	0	0	0	31	961	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	1	35	0	0
3464	0	0	0	0	1	201	0	0	0	0
3466	0	0	0	0	1	36	0	0	0	0
3467	2	99	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	20	97	0	0	1	12	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	1	9	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	13	1590	0	0	0	0
3506	0	0	0	0	236	15249	0	0	0	0
3508	0	0	0	0	24	3718	0	0	0	0
3510	0	0	0	0	1	91	0	0	0	0
3512	2	19	0	0	0	0	14	137	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	2	147	0	0	0	0
3515	0	0	0	0	20	630	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	2	482	2	11	0	0
3522	0	0	0	0	3	612	13	75	0	0
3527	0	0	0	0	59	522	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	4	114	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	11	321	0	0	0	0
3541	0	0	0	0	7	629	0	0	67	622
3543	1	33	0	0	30	342	0	0	0	0
3546	0	0	0	0	8	1046	0	0	0	0
3554	0	0	0	0	2	132	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	1	12	0	0	1	57	0	0	0	0
3559	3	72	0	0	11	301	0	0	0	0
3562	0	0	0	0	57	4743	0	0	0	0
3564	0	0	0	0	9	668	0	0	0	0
3567	0	0	0	0	11	1494	0	0	0	0
3571	0	0	0	0	49	92	0	0	0	0
3576	0	0	0	0	7	246	0	0	0	0
3577	0	0	2	97	10	224	0	0	1	6
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	41	3804	0	0	0	0
4000	0	0	0	0	6	85	0	0	0	0
5000	4979	175	46	3	4006	977	0	0	0	0
CUT MO.	5013	598	48	100	4838	68431	30	258	68	628
CUT YTD	16703	2842	276	808	31436	401920	1372	6178	413	3732
1010	0	0	0	0	2	1816	0	0	0	0
3582	0	0	0	0	3	98	0	0	0	0
3583	0	0	0	0	189	184	0	0	0	0
3584	0	0	0	0	10	1611	0	0	0	0
3586	0	0	0	0	7	160	0	0	15	167
3587	0	0	0	0	12	1519	0	0	0	0
3588	0	0	0	0	12	1706	0	0	0	0
3589	0	0	0	0	23	936	0	0	0	0
3591	0	0	0	0	1	23	0	0	0	0
3592	0	0	0	0	45	2069	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	23	2103	0	0	0	0
3595	0	0	0	0	1	34	0	0	0	0
3596	9	61	0	0	169	8367	0	0	0	0
3597	0	0	0	0	6	1124	0	0	0	0
3598	0	0	0	0	1	181	0	0	0	0
3599	0	0	1	113	80	1506	8	50	0	0
FRM MO.	9	61	1	113	584	23437	8	50	15	167
FRM YTD	12	121	54	840	2362	113762	47	145	285	1046
TOT MO.	5022	659	49	213	5422	91868	38	308	83	795
TOT YTD	16715	2963	330	1648	33798	515682	1419	6323	698	4778

U.S IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	8	422	0	0	0	0
3406	4	191	0	0	0	0
3409	0	0	0	0	0	0
3411	3	330	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	6	166	0	0	0	0
3422	0	0	0	0	0	0
3423	12	43	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	11	37	0	0	0	0
3336	10	35	0	0	0	0
3342	7	41	0	0	0	0
3464	15	608	0	0	0	0
3466	0	0	0	0	0	0
3467	176	866	0	0	1	12
3468	14	48	0	0	0	0
3469	11	86	0	0	0	0
3476	0	0	0	0	0	0
3477	0	0	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	1	24
3504	1	70	0	0	0	0
3506	13	741	0	0	1	29
3508	1	36	0	0	0	0
3510	0	0	0	0	0	0
3512	77	404	0	0	18	238
3513	0	0	0	0	0	0
3514	0	0	0	0	0	0
3515	3	31	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	26	154	1	16	0	0
3527	23	144	0	0	1	9
3528	2	24	0	0	0	0
3529	5	50	3	10	6	82
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	9	58	0	0	0	0
3543	62	341	0	0	0	0
3546	0	0	0	0	0	0
3554	1	19	0	0	0	0
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	12	39	0	0	0	0
3562	1	16	0	0	0	0
3564	0	0	8	85	0	0
3567	0	0	0	0	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	17	87	0	0	3	8
3578	0	0	0	0	0	0
3579	0	0	0	0	0	0
4000	24	58	0	0	6	45
5000	66193	5893	31	17	7330	310
CUT MO.	66747	11038	43	128	7367	757
CUT YTD	338100	61871	229	903	46976	4896
1010	2	24	0	0	0	0
3582	0	0	0	0	0	0
3583	1027	279	0	0	75	71
3584	0	0	0	0	0	0
3586	0	0	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3591	0	0	0	0	0	0
3592	1	25	0	0	10	25
3593	0	0	0	0	1	52
3594	16	434	0	0	0	0
3595	0	0	0	0	0	0
3596	3	124	0	0	4	312
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	0	0	0	0	2	13
FRM MO.	1049	-886	0	0	92	473
FRM YTD	5621	3304	5	208	418	2307
TOT MO.	67796	11924	43	128	7459	1230
TOT YTD	343721	65175	234	1111	47394	7203

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN

JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	11	148	0	0	11	148
EAST GERMANY	5	85	0	0	5	85
FINLAND	0	0	35	30	35	30
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	0	0	1	52	1	52
POLAND	11	119	0	0	11	119
ROMANIA	0	0	0	0	0	0
USSR	0	0	0	0	0	0
OTHER EUROPE	3	31	0	0	3	31
TOTAL	30	383	36	82	66	465
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	7235	262	36	371	7271	633
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	7235	262	36	371	7271	633
OTHER SOUTH AMERICA						
ARGENTINA	1	22	0	0	1	22
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	1	22	0	0	1	22
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN.
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	87	41	0	0	87	41
INDIA	10	14	20	20	30	34
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	0	0	0
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	97	55	20	20	117	75
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	4	35	0	0	4	35
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	4	35	0	0	4	35

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

RELEASED: SEPTEMBER 23, 1988

		TOTAL YTD		TOTAL MO.	
674: METAL CUTTING		UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	62	4639	5	548
3045	Gear Cutting Machines, N.E.C.	27	6287	6	2160
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	67	4515	3	221
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	1728	1	122
3209	Horizontal Machining Centers, ATC, NC	9	2449	1	40
3211	Machining Centers, NC, N.E.C.	41	3192	6	282
3216	Single Station and Multi-Station Transfer Machines	14	9444	2	223
3225	Way Type Machines (Unit Heads)	5	415	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	2	692	0	0
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	2	492	2	492
3247	Vertical Boring-Drilling-Milling Machines, NC	3	1269	1	157
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	3	538	1	320
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	11	657	4	477
3254	Drilling Machines, NC	12	758	2	156
3255	Drilling Machines, Multi-Spindle, Non-NC	11	916	2	323
3256	Drilling Machines, Radial, Non-NC	13	553	2	85
3257	Drilling Machines, Upright, Single Spindle, Non-NC	8	270	2	22
3258	Drilling Machines, Non-NC, N.E.C.	48	1351	10	192
3264	Milling Machines, NC	10	2990	2	1726
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	25	2946	9	1083
3267	Milling Machines, Knee Type, Non-NC	2	88	0	0
3268	Milling Machines, Bed Type, Non-NC	1	54	1	54
3269	Milling Machines, Non-NC, N.E.C.	90	4921	29	1235
3276	Vertical Boring Machines, Incl. VTLs, NC	0	0	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	55	2377	21	763
3281	Boring Machines, NC, N.E.C.	3	210	0	0
3283	Boring Machines, Non-NC, N.E.C.	73	3489	14	580
3503	Horizontal Lathes, Multi-Spindle, NC	28	5861	1	130
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	65	4801	8	526
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	17	2707	1	115
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	5	1486	0	0
3510	Horizontal Engine & Toolroom Lathes, Non-NC	42	1387	1	9
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	15	1753	1	229
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	478	0	0
3515	Automatic Bar Machines, Single Spindle, Non-NC	17	191	2	53
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	31	1164	10	366
3518	Horizontal Lathes, Non-NC, N.E.C.	173	4931	35	1163
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	3	438	1	155
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	4	183	1	70
3525	Vertical Lathes, Excl. VTLs, Non NC	44	2237	6	454
3528	Grinding, Polishing, Honing & Lapping Machines, NC	115	22061	55	13648
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	33	1212	1	19
3531	Tool & Cutter Grinding Machines, Non-NC	205	3620	49	1159
3532	Honing & Lapping Machines, Non-NC	310	3559	24	363
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	77	1183	30	407
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	135	8667	22	523
3541	External Grinding Machines, Non-NC	10	943	2	468
3542	Internal Grinding Machines, Non-NC	22	4485	6	1706
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	134	6877	26	1456
3546	Grinding Machines, Non-NC, N.E.C.	155	5764	37	817
3547	Traveling Wire Electrical Discharge Machines	3	190	0	0
3549	All Other Electrical Discharge Machines	104	991	17	208
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	5	218	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	55	2294	16	981
3559	Metal Cutting Machine Tools, NC, N.E.C.	74	3073	5	113
3565	Sawing & Cut-Off Machines, Non NC	290	3930	74	977
3566	Broaching Machines, Non-NC	7	1120	0	0
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	154	4056	29	913
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	3072	28060	553	4406
5000	Metal Cutting Machine Tools, Less Than $2500**	15456	8297	2720	1466
	TOTAL CUTTING			3859	44157
	TOTAL CUTTING YTD	21471	195419		
674: METAL FORMING					
1011	Die Casting Machines & Parts	0	8133	0	1182
3568	Metal Forming Machine Tools, Used Or Rebuilt	513	6650	108	1914
3569	Metal Forming Machine Tools, Less Than $2500	3654	2236	347	167
3571	Punching & Shearing Machines, Incl. Combination, NC	55	9379	6	1095
3573	Shearing Machines, Non-NC	60	1365	4	94
3575	Punching & Combination Punching & Shearing Machines, Non-NC	451	11737	63	1866
3578	Bending, Folding, Straightening & Flattening Machines, NC	71	3142	14	574
3582	Press Brakes, Non-NC	44	2460	7	463
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	9	1171	0	0
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	539	17110	87	2897
3588	Mechanical Presses	159	15071	25	4014
3589	Hydraulic Presses, Vertical, Single Action	66	3218	25	720
3590	Hydraulic & Pneumatic Presses	625	28737	136	6933
3594	Headers & Upsetters, Non-NC	47	11613	5	1208
3595	Forging Machines, Non-NC, N.E.C.	48	1268	14	274
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	566	32035	85	3760
	TOTAL FORMING			926	27156
	TOTAL FORMING YTD	6907	155307		
	TOTAL ALL TYPES			4785	71313
	TOTAL ALL TYPES YTD	28378	350726		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	1	94	0	0
3204	0	0	1	101	0	0	0	0	0	0
3206	0	0	1	122	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	1	215	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	7	165	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	2	148	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	1	50	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	505	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	2	89	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	2	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	1	53	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	11	303	0	0
4000	0	0	6	54	0	0	20	49	0	0
5000	20	12	25	7	0	0	46	32	0	0
CUT MO.	22	229	37	521	0	0	88	1251	0	0
CUT YTD	78	460	164	2654	4	376	286	3875	11	540
1011	0	4	0	2	0	0	0	10	0	0
3568	0	0	3	38	0	0	36	497	0	0
3569	0	0	0	0	0	0	7	4	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	1	14	0	0
3578	0	0	0	0	2	36	4	73	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	3	219
3588	0	0	0	0	0	0	2	141	0	0
3589	0	0	6	119	0	0	0	0	0	0
3590	0	0	0	0	0	0	4	162	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	0	4	9	159	2	36	54	901	3	219
FRM YTD	1	100	101	931	10	191	301	4819	14	413
TOT MO.	22	233	46	680	2	36	142	2152	3	219
TOT YTD	79	560	265	3585	14	567	587	8694	25	953

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDIEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	1	157	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	53	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	4	53	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	1	10	0	0	0	0	0	0
3546	0	0	2	275	0	0	0	0	2	26
3547	0	0	0	0	0	0	0	0	0	0
3549	1	5	0	0	0	0	0	0	5	32
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	15	0	0	0	0	0	0
3565	1	82	2	123	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	2	29
4000	18	165	0	0	3	6	0	0	0	0
5000	24	19	7	11	0	0	5	5	0	0
CUT MO.	48	324	13	434	3	6	7	215	9	87
CUT YTD	354	4478	153	1407	4	21	223	1302	116	1333
1011	0	4	0	2	0	0	0	22	0	0
3568	0	0	0	0	0	0	0	0	3	191
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	6	147	10	74	0	0	1	50	0	0
3578	0	0	2	68	0	0	1	20	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	9	360	0	0	0	0	1	53	1	17
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	61	0	0	0	0	2	120	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	1	50	0	0	0	0
3598	2	247	3	26	0	0	0	0	2	109
FRM MO.	18	819	15	170	1	50	5	265	6	317
FRM YTD	85	4466	84	2401	1	50	56	3443	78	964
TOT MO.	66	1143	28	604	4	56	12	480	15	404
TOT YTD	439	8944	237	3808	5	71	279	4745	194	2297

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	1	356	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	18	0	0	1	29	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	2	492	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	1	185	0	0
3256	0	0	1	28	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	2	57	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	193	0	0	0	0	1	5	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	4	238	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	-3	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	63	0	0
3518	1	6	1	8	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	3	214	0	0	4	303	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	2	45	0	0
3532	0	0	1	15	0	0	3	23	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	4	32	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	2	235	0	0
3544	0	0	0	0	0	0	6	429	0	0
3546	2	6	12	47	0	0	1	358	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	2	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	1	180	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	1	14	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	15	47	32	469	0	0	3	40	0	0
5000	1	2	85	52	0	0	131	134	0	0
CUT MO.	20	254	145	1124	1	14	163	2936	0	0
CUT YTD	141	1667	1579	12636	8	961	778	8919	1	74
1011	0	7	0	70	0	0	0	42	0	21
3568	0	0	4	8	0	0	0	0	0	0
3569	0	0	3	3	0	0	123	27	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	30	0	0	0	0	0	0
3578	0	0	0	0	0	0	1	175	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	6	90	0	0	8	479	0	0
3588	0	0	0	0	0	0	2	2035	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	2	215	0	0	41	1108	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	13	397	0	0	1	7	0	0
FRM MO.	0	7	29	813	0	0	176	3873	0	21
FRM YTD	38	916	208	6764	2	52	969	13131	4	633
TOT MO.	20	261	174	1937	1	14	339	6809	0	21
TOT YTD	179	2583	1787	19400	10	1013	1747	22050	5	707

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TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	4	192	0	0	0	0	0	0
3045	0	0	1	508	0	0	0	0	0	0
3204	0	0	1	88	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	1	40	0	0	0	0
3211	0	0	1	40	1	25	0	0	0	0
3216	0	0	2	223	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	3	262	0	0	0	0	0	0
3254	0	0	0	0	2	156	0	0	0	0
3255	1	138	0	0	0	0	0	0	0	0
3256	0	0	1	57	0	0	0	0	0	0
3257	0	0	0	0	2	22	0	0	0	0
3258	0	0	1	54	1	18	1	5	0	0
3264	0	0	1	106	0	0	0	0	0	0
3266	0	0	9	1083	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	1	54	0	0	0	0	0	0
3269	0	0	0	0	2	58	1	13	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	2	221	3	58	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	7	432	6	98	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	2	140	0	0	0	0	0	0
3507	0	0	1	115	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	1	9	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	3	50	0	0	0	0	0	0
3518	0	0	0	0	9	135	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	1	70	0	0	0	0
3525	0	0	0	0	1	185	0	0	0	0
3528	1	154	1	34	42	12353	0	0	0	0
3529	0	0	0	0	1	19	0	0	0	0
3531	2	12	18	123	8	87	0	0	0	0
3532	1	15	2	115	6	32	1	8	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	7	99	0	0	0	0
3541	0	0	0	0	2	468	0	0	0	0
3542	0	0	1	547	0	0	0	0	0	0
3544	0	0	1	425	4	42	0	0	0	0
3546	0	0	1	5	7	55	1	8	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	2	1	4	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	5	480	2	161	0	0	0	0
3559	0	0	1	13	0	0	0	0	0	0
3565	0	0	36	398	19	162	1	11	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	3	151	5	81	1	3	0	0
4000	1	2	64	909	296	1317	11	62	0	0
5000	0	0	663	513	542	71	28	25	73	64
CUT MO.	7	323	838	7351	970	15812	45	135	73	64
CUT YTD	166	1580	6448	35956	3331	33658	268	539	119	873
1011	0	0	0	553	0	17	0	43	0	0
3568	0	0	26	91	26	938	3	37	0	0
3569	0	0	92	43	45	51	0	0	2	2
3571	0	0	3	813	0	0	2	160	0	0
3573	0	0	1	4	1	26	0	0	0	0
3575	0	0	8	202	4	138	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	1	45	2	304	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	7	184	20	561	8	154	0	0	0	0
3588	0	0	1	12	13	354	0	0	0	0
3589	0	0	0	0	3	138	0	0	0	0
3590	0	0	10	539	48	631	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	10	189	1	8	0	0	1	12
3598	0	0	24	703	4	39	5	144	0	0
FRM MO.	7	184	196	3755	155	2798	10	384	3	14
FRM YTD	79	1397	2195	26595	1230	15721	34	765	26	592
TOT MO.	14	507	1034	11106	1125	18610	55	519	76	78
TOT YTD	245	2977	8643	62551	4561	49379	302	1304	145	1465

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	119	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	40	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	1	16
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	22	566	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	6	100	0	0	2	204
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	1	229
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	5	200	0	0	0	0	0	0
3518	0	0	2	20	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	1	31	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	7	336
3532	0	0	1	3	0	0	0	0	4	85
3533	0	0	0	0	0	0	0	0	16	285
3538	2	194	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	3	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	4	1	18
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	13	0	0	1	64
4000	0	0	5	54	32	104	4	11	0	0
5000	5	8	1	2	32	20	24	37	21	13
CUT MO	8	205	16	438	93	803	30	83	54	1250
CUT YTD	77	2816	123	1548	2311	7576	149	900	228	10647
1011	0	0	0	0	0	12	0	22	0	0
3568	0	0	0	0	2	16	0	0	0	0
3569	0	0	0	0	22	9	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	1	48
3575	0	0	2	20	0	0	3	34	8	105
3578	0	0	0	0	3	187	0	0	0	0
3582	0	0	0	0	0	0	3	32	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	8	4	100
3588	0	0	1	24	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	200	1	113	0	0	0	0
3594	1	463	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	7	678	0	0	3	73	0	0	1	14
FRM MO.	8	1141	4	244	31	410	7	96	14	267
FRM YTD	39	3809	29	645	141	4326	29	402	48	2898
TOT MO.	16	1346	20	682	124	1213	37	179	68	1517
TOT YTD	116	6625	152	2193	2452	11902	178	1302	276	13545

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	1	144	1	611	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	217	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	1	15	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	14	384
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	1	354	0	0	0	0	1	174
3529	0	0	0	0	0	0	0	0	0	0
3531	1	20	0	0	0	0	0	0	3	341
3532	0	0	0	0	0	0	0	0	1	4
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	2	25	2	14
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	1	447
3544	0	0	0	0	0	0	0	0	9	218
3546	0	0	0	0	0	0	0	0	6	16
3547	0	0	0	0	0	0	0	0	0	0
3549	1	123	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	4	70	0	0	0	0	0	0	4	90
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	2	24	0	0	1	19	9	109
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	1	38
4000	2	65	1	13	0	0	4	10	1	2
5000	5	3	4	3	0	0	4	3	73	28
CUT MO.	15	642	9	1005	0	0	12	72	125	1865
CUT YTD	189	1692	133	2453	26	289	96	3432	1120	12036
1011	0	13	0	12	0	0	0	0	0	125
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	1	2
3571	0	0	0	0	0	0	0	0	1	122
3573	0	0	0	0	0	0	0	0	0	0
3575	1	8	1	14	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	4	55
3588	0	0	0	0	0	0	0	0	1	856
3589	0	0	0	0	0	0	0	0	12	362
3590	8	676	0	0	0	0	0	0	16	2220
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	15
3598	0	0	0	0	0	0	0	0	5	230
FRM MO.	9	697	1	26	0	0	0	0	41	3987
FRM YTD	88	2960	24	1229	6	285	14	1810	247	19611
TOT MO.	24	1339	10	1031	0	0	12	72	166	5852
TOT YTD	277	4652	157	3682	32	574	110	5242	1367	31647

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND ÇOUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	684
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	130	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	1	320	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	4	42	0	0
3264	1	1620	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	1	50	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	5	63	0	0	0	0	2	42	0	0
3521	1	155	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	1	216
3528	0	0	0	0	0	0	0	0	1	31
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	2	10	4	96
3532	3	42	0	0	0	0	0	0	1	21
3533	0	0	0	0	0	0	0	0	12	102
3538	0	0	1	24	0	0	1	100	1	11
3541	0	0	0	0	0	0	0	0	0	0
3542	2	477	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	2	122	2	207
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	1	2
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	1	21	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	3	156	0	0	0	0	0	0	0	0
4000	13	553	0	0	0	0	1	16	4	33
5000	81	67	0	0	11	12	604	36	20	17
CUT MO.	111	3583	1	24	11	12	618	439	48	1420
CUT YTD	490	22754	72	514	190	450	890	3259	378	4485
1011	0	6	0	4	0	0	0	163	0	4
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	1	2	7	10	5	2
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	1	16	0	0
3575	1	15	0	0	0	0	1	4	6	778
3578	0	0	0	0	0	0	0	0	0	0
3582	1	82	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	2	206	0	0	0	0	0	0	2	50
3588	2	537	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	830	0	0	0	0	0	0	0	0
3594	1	645	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	3	207	0	0	1	62	4	80	6	721
FRM MO.	11	2528	0	4	2	64	13	273	19	1555
FRM YTD	144	10894	5	131	20	167	124	1351	74	6988
TOT MO.	122	6111	1	28	13	76	631	712	67	2975
TOT YTD	634	33648	77	645	210	617	1014	4610	452	11473

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	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	1	32	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	1	183	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	1	130	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	2	20	0	0	0	0	0	0
3538	0	0	2	24	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	2	18	1	3	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	12	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	11	0	0	0	0	0	0
3565	1	18	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	326	8	57	5	32	0	0	0	0
5000	11	7	19	22	8	12	14	13	0	0
CUT MO.	14	351	37	196	16	360	14	13	0	0
CUT YTD	42	2237	183	1345	167	2134	69	112	1	4
1011	0	4	0	3	0	17	0	0	0	0
3568	0	0	5	98	0	0	0	0	0	0
3569	0	0	24	7	15	5	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	9	233	0	0	0	0	0	0
3578	0	0	0	0	1	15	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	4	98	5	36	0	0	0	0
3588	0	0	2	40	1	15	0	0	0	0
3589	0	0	0	0	4	101	0	0	0	0
3590	1	58	0	0	0	0	0	0	0	0
3594	0	0	1	75	2	25	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	23	0	0	0	0	0	0
FRM MO.	1	62	46	577	28	214	0	0	0	0
FRM YTD	11	608	164	48	155	4806	10	1724	0	0
TOT MO.	15	413	83	7	44	574	14	13	0	0
TOT YTD	53	2845	347	6195	322	6940	79	1836	1	4

U.S. EXPORTS OF MACHINE TOOLS
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JUNE 1988

	EGYPT		REP. S. AFR		OTH AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	1	2	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	1	17
3566	0	0	0	0	0	0
3567	0	0	0	0	1	75
4000	0	0	1	2	1	8
5000	0	0	133	216	0	0
CUT MO.	0	0	135	220	3	100
CUT YTD	1	227	297	1112	7	126
1011	0	0	0	0	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	2	227
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	0	0	0	0	2	227
FRM YTD	0	9	11	58	8	1420
TOT MO.	0	0	135	220	5	327
TOT YTD	1	236	308	1170	15	1546

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	1	138	0	0	1	138
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	0	0	3	17	3	17
GIBRALTAR	0	0	0	0	0	0
GREECE	1	154	0	0	1	154
HUNGARY	0	0	0	0	0	0
ICELAND	1	2	0	0	1	2
MALTA	0	0	0	0	0	0
NORWAY	2	12	4	167	6	179
PORTUGAL	2	17	0	0	2	17
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	7	323	7	184	14	507
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	12	8	0	0	12	8
BARBADOS	0	0	1	71	1	71
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	0	0	4	73	4	73
DOMINICAN REP.	1	11	0	0	1	11
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	13	34	0	0	13	34
HAITI	0	0	1	18	1	18
HONDURAS	8	29	0	38	8	67
JAMAICA	3	10	2	19	5	29
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	4	2	0	0	4	2
PANAMA	0	0	0	0	0	0
SALVADOR	2	16	0	5	2	21
TRINIDAD	2	25	0	0	2	25
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	2	160	2	160
TOTAL	45	135	10	384	55	519
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	1	31	3	34	4	65
ECUADOR	24	37	3	51	27	88
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	3	8	0	3	3	11
SURINAM	0	0	1	8	1	8
URAGUAY	2	7	0	0	2	7
OTHER S. AM.	0	0	0	0	0	0
TOTAL	30	83	7	96	37	179
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
JUNE 1988

OTHER ASIA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	1	4	14	5	15	9
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	12	10	20	256	32	266
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	4	21	3	70	7	91
QATAR	4	10	0	0	4	10
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	16	151	9	246	25	397
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	37	196	46	577	83	773

OTHER AFRICA

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	1	199	1	199
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	28	1	28
GABON	2	92	0	0	2	92
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	8	0	0	1	8
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	3	100	2	227	5	327

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

RELEASED: SEPTEMBER 23, 1988

		TOTAL UNITS	YTD $000
674	METAL CUTTING		
3025	Gear Hobbers	37	5275
3035	Gear Shapers	8	1902
3045	Gear Cutting Machines, N.E.C.	23	1300
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	859	66959
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	43	4800
3409	Horizontal Machining Centers, ATC, NC	380	57038
3411	Machining Centers, NC, N.E.C.	166	36376
3412	Single Station and Multi-Station Transfer Machines	119	35711
3413	Way Type Machines, (Unit Heads)	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	1	758
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	25	2932
3419	Vertical Boring-Drilling Milling Machines, NC	62	7269
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	3	1270
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	81	2713
3328	Drilling Machines, NC	134	5269
3329	Drilling Machines, Multi-Spindle, Non-NC	37	422
3334	Drilling Machines, Radial, Non-NC	70	414
3336	Drilling Machines, Upright, Single Spindle, Non-NC	85	584
3342	Drilling Machines, Non-NC, N.E.C.	228	9419
3464	Milling Machines, NC	153	16991
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	14	422
3467	Milling Machines, Knee Type, Non-NC	1598	9664
3468	Milling Machines, Bed Type, Non-NC	169	8716
3469	Milling Machines, Non-NC, N.E.C.	1293	22655
3476	Vertical Boring Machines, Incl. VTL's, NC	8	1591
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	27	1126
3481	Boring Machines, NC, N.E.C.	4	907
3483	Boring Machines, Non-NC N.E.C.	197	4424
3504	Horizontal Lathes, Multi-Spindle, NC	79	8944
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	1645	104476
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	217	25324
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	42	2543
3512	Horizontal Engine & Toolroom Lathes, Non-NC	1296	11530
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	2	143
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	865
3515	Automatic Bar Machines, Single Spindle, Non-NC	89	2687
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	36	1563
3518	Horizontal Lathes, Non-NC, N.E.C.	137	2912
3505	Vertical Lathes, Multi-Spindle, NC	22	1754
3519	Vertical Lathes, NSPF, NC	73	6606
3522	Vertical Lathes, Excl. VTL's, Non-NC	527	10969
3527	Gear Tooth Grinding & Finishing Machines	341	13369
3528	Tool & Cutter Grinding Machines, NC	47	1614
3529	Tool & Cutter Grinding Machines, Non-NC	577	21757
3533	Honing & Lapping Machines	214	12949
3539	Grinding Machines, Flat Surface, NC	35	2998
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	344	5337
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1168	12522
3546	Grinding & Polishing Machines, NC, N.E.C.	92	10555
3554	External Grinding Machines, Non-NC	205	6962
3556	Internal Grinding Machines, Non-NC	29	2122
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	80	2068
3559	Grinding Machines, Non-NC, N.E.C.	606	16107
3562	Traveling Wire Electrical Discharge Machines	420	29427
3564	All Other Electrical Discharge Machines	187	9382
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	52	6805
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	500	3352
3576	Metal Cutting Machines Tools, NC, N.E.C.	139	8515
3577	Sawing & Cut-Off Machines, Non-NC	775	11409
3578	Broaching Machines, Non-NC	110	1586
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	777	22344
4000	Metal Cutting Machine Tools, Used or Rebuilt*	1013	9639
5000	Metal Cutting Machine Tools, Less Than $2500**	456331	47805
	TOTAL CUTTING	474037	745828
674	METAL FORMING		
1010	Die Casting Machines	247	19515
3582	Metal Forming Machine Tools, Used or Rebuilt	288	2695
3583	Metal Forming Machine Tools, Less Than $2500	13228	5691
3584	Punching and Shearing Machines, Incl. Combination, NC	144	16372
3586	Shearing Machines, Non-NC	334	6541
3587	Punching & Combination Punching & Shearing Machines, Non-NC	288	6205
3588	Bending, Folding, Straightening & Flattening Machines, NC	151	9593
3589	Press Brakes, Non-NC	297	7625
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	54	850
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	594	21029
3593	Metal Forming Machine Tools, NC, N.E.C.	28	20741
3594	Mechanical Presses, Non-NC	269	31303
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	31	1480
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	533	22795
3597	Headers & Upsetters, Non-NC	28	4497
3598	Forging Machines, Non-NC, N.E.C.	49	11449
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1395	37587
	TOTAL FORMING	17958	225965
	TOTAL ALL TYPES	491995	971793

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	20
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	4	574	0	0	0	0	0	0
3404	0	0	0	0	0	0	5	350	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	18	340	0	0	5	641	4	243
3412	0	0	0	0	0	0	0	0	2	565
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	1	770
3423	0	0	0	0	0	0	0	0	9	1877
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	4	53
3342	0	0	0	0	2	41	1	9	33	1216
3464	0	0	0	0	0	0	0	0	13	1664
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	3	98	0	0
3469	20	209	0	0	0	0	5	433	32	982
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	19	731
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	68	744
3504	0	0	0	0	0	0	0	0	1	19
3506	0	0	0	0	0	0	1	16	0	0
3508	0	0	0	0	0	0	3	257	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	1	9
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	1	58	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	9	26	9	61
3505	0	0	0	0	0	0	0	0	0	0
3519	1	42	0	0	0	0	0	0	9	1698
3522	145	2295	0	0	0	0	0	0	5	201
3527	0	0	0	0	0	0	0	0	2	185
3528	0	0	0	0	0	0	0	0	33	512
3529	2	140	0	0	2	6	11	111	14	126
3533	0	0	0	0	2	32	14	249	25	112
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	66	1030
3543	33	215	0	0	0	0	1	11	3	72
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	1	57	9	434
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	15	569
3559	43	442	2	10	88	578	32	178	70	755
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	12	295	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	1	6	0	0
3576	0	0	0	0	0	0	8	128	1	17
3577	1	15	0	0	0	0	9	193	83	479
3578	0	0	0	0	0	0	0	0	1	108
3579	4	109	2	35	1	20	60	624	7	388
4000	1	1	9	58	2	3	10	49	48	729
5000	1549	961	228	68	148	136	2076	1244	4528	939
CUT YTD	1799	4429	263	1085	245	816	2268	5033	5116	17308
1010	0	0	0	0	0	0	0	0	42	439
3582	0	0	4	66	3	11	0	0	1	19
3583	43	13	261	78	30	26	498	328	1139	193
3584	0	0	0	0	0	0	0	0	1	60
3586	1	83	36	820	1	27	0	0	23	324
3587	0	0	0	0	0	0	1	48	94	2141
3588	0	0	2	351	6	94	3	349	4	468
3589	0	0	33	1093	2	162	0	0	7	27
3591	0	0	0	0	0	0	0	0	5	49
3592	0	0	4	636	1	170	3	793	87	4284
3593	0	0	2	8	0	0	0	0	2	381
3594	0	0	0	0	0	0	0	0	2	17
3595	1	83	0	0	0	0	0	0	0	0
3596	0	0	6	102	0	0	3	93	19	3507
3597	0	0	0	0	0	0	0	0	8	1176
3598	0	0	0	0	0	0	0	0	9	127
3599	2	52	257	3808	0	0	149	1448	138	4268
FRM YTD	47	231	605	6962	43	490	657	3059	1581	17480
TOT YTD	1846	4660	868	8047	288	1306	2925	8092	6697	34788

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	133
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	1	6	3	91	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	3	283	0	0
3411	0	0	0	0	0	0	0	0	11	1401
3412	0	0	0	0	0	0	0	0	19	3583
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	1	118	0	0	0	0	1	52	4	740
3422	0	0	0	0	1	200	0	0	0	0
3423	3	132	0	0	0	0	0	0	1	64
3328	0	0	0	0	11	115	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	20	110	0	0	0	0
3336	0	0	0	0	1	4	15	139	0	0
3342	1	43	2	13	28	83	7	61	4	68
3464	0	0	0	0	15	320	1	29	1	1076
3466	0	0	0	0	0	0	0	0	3	10
3467	0	0	0	0	618	3672	0	0	0	0
3468	0	0	0	0	8	226	0	0	0	0
3469	1	39	0	0	101	867	6	381	7	545
3476	0	0	0	0	0	0	0	0	2	884
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	1	29	0	0	3	12	0	0	10	1212
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	1	4
3508	2	231	0	0	7	494	0	0	1	381
3510	0	0	0	0	0	0	25	465	0	0
3512	0	0	0	0	5	648	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	5	574
3516	0	0	0	0	0	0	0	0	7	321
3518	0	0	0	0	0	0	0	0	3	89
3505	0	0	0	0	0	0	0	0	4	578
3519	1	6	0	0	3	161	0	0	2	17
3522	0	0	0	0	4	153	1	13	7	87
3527	0	0	0	0	0	0	3	14	40	3962
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	7	600	1	9	45	937
3533	0	0	0	0	0	0	2	168	1	9
3539	0	0	0	0	2	119	0	0	2	387
3541	0	0	0	0	0	0	0	0	2	60
3543	1	443	0	0	2	124	1	7	6	716
3546	0	0	0	0	0	0	0	0	3	870
3554	0	0	0	0	0	0	10	519	41	3757
3556	0	0	0	0	0	0	0	0	2	288
3558	26	690	0	0	18	48	0	0	3	305
3559	6	492	0	0	0	0	7	447	19	754
3562	0	0	0	0	9	207	0	0	65	7584
3564	0	0	0	0	0	0	1	5	22	2575
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	13	45	0	0	2	23	0	0	3	287
3578	0	0	0	0	0	0	0	0	0	0
3579	1	76	0	0	1	19	9	240	16	355
4000	6	25	0	0	32	294	4	28	47	663
5000	4265	559	20	25	221	57	878	794	2611	267
CUT YTD	4328	2928	22	38	1116	8562	978	3745	3021	35543
1010	0	0	0	0	0	0	0	0	2	610
3582	1	53	0	0	0	0	5	17	9	138
3583	9	9	6	2	392	149	365	139	818	116
3584	1	57	0	0	0	0	0	0	11	1040
3586	6	87	4	73	19	160	0	0	0	0
3587	0	0	1	50	87	870	29	473	4	73
3588	1	44	0	0	0	0	0	0	4	80
3589	0	0	28	263	0	0	0	0	4	163
3591	0	0	0	0	0	0	25	341	0	0
3592	14	693	1	4	0	0	28	578	13	608
3593	0	0	0	0	0	0	1	59	1	49
3594	1	321	4	44	0	0	0	0	12	1126
3595	0	0	0	0	0	0	1	78	0	0
3596	1	16	4	52	1	32	5	690	6	804
3597	0	0	0	0	0	0	0	0	1	183
3598	0	0	0	0	0	0	0	0	1	4
3599	0	0	0	0	16	842	34	209	36	5592
FRM YTD	34	1280	48	488	515	2053	493	2584	922	10586
TOT YTD	4362	4208	70	526	1631	10615	1471	6329	3943	46129

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TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
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	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	1	5	20	4235	0	0	0	0	0	0
3035	3	573	5	1329	0	0	0	0	0	0
3045	0	0	11	448	0	0	0	0	0	0
3404	46	3645	11	1471	0	0	0	0	0	0
3406	0	0	1	185	0	0	0	0	0	0
3409	82	3939	0	0	0	0	0	0	0	0
3411	6	449	12	4826	0	0	11	242	0	0
3412	1	337	87	21708	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	1	758	0	0	0	0	0	0	0	0
3418	0	0	4	1207	4	214	0	0	0	0
3419	0	0	38	3596	0	0	0	0	0	0
3422	0	0	1	300	0	0	0	0	0	0
3423	0	0	14	424	0	0	0	0	0	0
3328	3	61	1	26	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	1	4	4	29
3336	0	0	28	160	0	0	1	18	0	0
3342	6	322	39	6242	0	0	13	290	5	21
3464	10	878	32	2521	0	0	2	148	0	0
3466	4	121	2	19	0	0	0	0	0	0
3467	56	208	0	0	0	0	0	0	0	0
3468	2	64	79	7088	0	0	0	0	0	0
3469	678	7183	53	8818	0	0	37	202	1	15
3476	3	213	0	0	0	0	0	0	0	0
3477	0	0	2	144	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	7	1034	74	826	0	0	11	158	0	0
3504	0	0	1	272	0	0	0	0	0	0
3506	25	813	38	4362	0	0	0	0	0	0
3508	2	334	6	851	0	0	0	0	1	5
3510	0	0	0	0	0	0	0	0	0	0
3512	210	2810	0	0	72	576	1	6	197	1190
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	1	537	0	0	0	0	0	0
3515	0	0	4	97	0	0	0	0	0	0
3516	5	615	0	0	0	0	1	29	0	0
3518	10	383	6	998	0	0	2	7	75	260
3505	1	97	0	0	0	0	0	0	0	0
3519	0	0	4	377	0	0	0	0	0	0
3522	60	1255	29	2581	0	0	76	1525	53	334
3527	35	929	46	6116	0	0	1	9	0	0
3528	1	98	4	255	0	0	1	52	0	0
3529	100	1441	202	14451	0	0	15	214	0	0
3533	60	1044	26	4180	0	0	3	17	0	0
3539	0	0	5	959	0	0	0	0	0	0
3541	0	0	2	235	0	0	0	0	0	0
3543	6	185	93	1296	12	63	40	153	0	0
3546	2	268	56	5460	0	0	0	0	0	0
3554	16	200	26	410	0	0	0	0	0	0
3556	0	0	10	801	0	0	0	0	0	0
3558	0	0	3	115	0	0	0	0	0	0
3559	63	3401	92	2464	0	0	19	124	0	0
3562	1	21	6	463	0	0	0	0	0	0
3564	5	55	22	1214	0	0	0	0	0	0
3567	1	26	5	557	0	0	0	0	0	0
3571	24	1013	7	269	0	0	1	14	0	0
3576	7	325	14	4303	0	0	10	230	0	0
3577	77	287	82	1221	34	98	70	676	0	0
3578	19	879	88	565	0	0	0	0	0	0
3579	126	2011	148	6888	0	0	144	2666	0	0
4000	150	1408	115	1519	1	3	259	574	1	28
5000	4872	1120	5389	1343	98	146	4238	1284	30	46
CUT YTD	6787	40808	7044	130732	221	1100	4957	8642	367	1928
1010	16	158	47	1134	0	0	90	10354	0	0
3582	90	254	10	152	0	0	97	677	0	0
3583	249	67	2022	1357	0	0	290	172	0	0
3584	1	297	25	2847	0	0	0	0	0	0
3586	76	479	23	1361	0	0	24	493	0	0
3587	1	5	25	673	0	0	16	157	0	0
3588	8	1117	7	830	0	0	8	394	0	0
3589	2	10	0	0	0	0	77	2388	0	0
3591	9	57	2	100	0	0	7	211	0	0
3592	23	955	76	972	0	0	184	3813	2	8
3593	2	950	1	981	0	0	0	0	0	0
3594	7	1092	52	3349	0	0	9	190	0	0
3595	1	244	3	255	0	0	6	267	0	0
3596	101	1215	39	2179	0	0	60	924	0	0
3597	0	0	2	232	0	0	2	27	0	0
3598	1	6	26	1784	0	0	0	0	0	0
3599	58	2087	240	9117	0	0	78	2573	14	58
FRM YTD	645	8993	2600	27323	0	0	948	22640	16	66
TOT YTD	7432	49801	9644	158055	221	1100	5905	31282	383	1994

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	7	714	2	64	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	2	48	0	0	1	22	0	0	0	0
3404	0	0	0	0	688	56744	2	87	2	148
3406	0	0	0	0	26	3601	0	0	0	0
3409	5	91	0	0	286	52532	1	36	0	0
3411	0	0	0	0	78	26856	10	516	0	0
3412	0	0	0	0	10	9518	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	17	1511	0	0	0	0
3419	0	0	0	0	8	2490	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	2	11	0	0	0	0
3328	0	0	0	0	119	5067	0	0	0	0
3329	0	0	0	0	37	422	0	0	0	0
3334	0	0	0	0	1	37	0	0	0	0
3336	9	40	0	0	4	71	0	0	0	0
3342	5	16	0	0	39	700	1	35	0	0
3464	0	0	0	0	40	8925	0	0	0	0
3466	0	0	0	0	3	230	0	0	0	0
3467	10	210	0	0	19	884	0	0	0	0
3468	0	0	2	61	14	600	0	0	0	0
3469	75	323	0	0	31	850	2	35	0	0
3476	0	0	0	0	3	494	0	0	0	0
3477	0	0	0	0	2	54	3	128	0	0
3481	0	0	0	0	4	907	0	0	0	0
3483	0	0	15	45	4	156	0	0	0	0
3504	5	41	0	0	66	8277	0	0	0	0
3506	0	0	0	0	1384	92420	62	2674	23	212
3508	0	0	0	0	179	22093	5	274	0	0
3510	0	0	0	0	17	2078	0	0	0	0
3512	51	246	0	0	15	463	157	1114	90	830
3513	0	0	0	0	1	125	0	0	0	0
3514	0	0	0	0	4	270	0	0	0	0
3515	0	0	0	0	65	1861	0	0	0	0
3516	0	0	0	0	23	598	0	0	0	0
3518	11	83	0	0	8	981	0	0	0	0
3505	10	28	0	0	7	1051	0	0	0	0
3519	0	0	0	0	44	4109	9	196	0	0
3522	49	175	0	0	19	1645	47	490	0	0
3527	0	0	0	0	91	1394	0	0	0	0
3528	0	0	0	0	6	673	0	0	0	0
3529	1	4	0	0	73	2920	0	0	0	0
3533	0	0	0	0	81	7138	0	0	0	0
3539	0	0	0	0	19	1282	2	153	0	0
3541	0	0	0	0	24	1309	0	0	213	2461
3543	17	90	0	0	272	5515	0	0	0	0
3546	0	0	0	0	29	3836	0	0	0	0
3554	0	0	0	0	80	1428	0	0	0	0
3556	7	66	0	0	9	919	0	0	0	0
3558	5	97	0	0	2	156	0	0	0	0
3559	16	215	0	0	70	5724	0	0	0	0
3562	0	0	0	0	281	20715	0	0	0	0
3564	3	38	0	0	77	4733	1	12	0	0
3567	0	0	0	0	43	6115	0	0	0	0
3571	6	54	0	0	408	1836	0	0	0	0
3576	1	18	0	0	92	3063	0	0	0	0
3577	1	4	14	690	159	6300	3	93	1	6
3578	0	0	0	0	2	34	0	0	0	0
3579	1	5	0	0	190	8580	1	5	0	0
4000	0	0	0	0	135	3368	1	4	0	0
5000	16413	950	245	12	26018	5515	1063	262	84	75
CUT YTD	16703	2842	276	808	31436	401920	1372	6178	413	3732
1010	0	0	0	0	47	6778	0	0	0	0
3582	0	0	1	50	58	667	1	7	0	0
3583	1	2	6	11	1009	1157	25	24	216	112
3584	0	0	0	0	105	12071	0	0	0	0
3586	0	0	18	346	53	1730	1	15	39	409
3587	0	0	0	0	17	1600	0	0	0	0
3588	0	0	0	0	100	5592	0	0	0	0
3589	0	0	4	128	73	2590	0	0	28	439
3591	0	0	0	0	6	92	0	0	0	0
3592	0	0	6	70	127	7324	3	20	0	0
3593	0	0	0	0	13	18046	0	0	0	0
3594	0	0	0	0	156	24481	0	0	0	0
3595	0	0	0	0	18	515	0	0	0	0
3596	9	61	0	0	246	12049	0	0	0	0
3597	0	0	0	0	15	2879	0	0	0	0
3598	2	58	0	0	6	9427	0	0	0	0
3599	0	0	19	235	313	6764	17	79	2	86
FRM YTD	12	121	54	840	2362	113762	47	145	285	1046
TOT YTD	16715	2963	330	1648	33798	515682	1419	6323	698	4778

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
JUNE 1988

	TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	5	104
3035	0	0	0	0	0	0
3045	0	0	0	0	1	111
3404	105	4514	0	0	0	0
3406	16	1014	0	0	0	0
3409	3	157	0	0	0	0
3411	6	620	0	0	5	242
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	10	273	0	0	0	0
3422	0	0	0	0	0	0
3423	52	205	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	44	234	0	0	0	0
3336	23	99	0	0	0	0
3342	40	248	0	0	2	11
3464	39	1430	0	0	0	0
3466	2	42	0	0	0	0
3467	895	4643	0	0	4	47
3468	60	569	1	10	0	0
3469	228	1539	1	12	15	222
3476	0	0	0	0	0	0
3477	0	0	0	0	1	69
3481	0	0	0	0	0	0
3483	0	0	0	0	4	208
3504	6	335	0	0	0	0
3506	110	3946	0	0	1	29
3508	11	404	0	0	0	0
3510	0	0	0	0	0	0
3512	379	2494	0	0	118	1144
3513	1	18	0	0	0	0
3514	0	0	0	0	0	0
3515	15	155	0	0	0	0
3516	0	0	0	0	0	0
3518	4	24	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	31	199	1	16	0	0
3527	119	700	1	22	3	38
3528	2	24	0	0	0	0
3529	88	543	8	154	8	101
3533	0	0	0	0	0	0
3539	5	98	0	0	0	0
3541	37	242	0	0	0	0
3543	670	3455	0	0	11	177
3546	1	10	0	0	1	111
3554	22	157	0	0	0	0
3556	0	0	0	0	1	48
3558	5	32	0	0	3	56
3559	69	481	0	0	10	42
3562	35	202	23	235	0	0
3564	23	230	21	225	0	0
3567	0	0	0	0	3	107
3571	52	45	1	115	0	0
3576	3	334	1	49	2	48
3577	216	967	1	7	6	18
3578	0	0	0	0	0	0
3579	64	294	0	0	2	29
4000	139	407	4	3	49	475
5000	334470	30488	166	55	46721	1459
CUT YTD	338100	61871	229	903	46976	4896
1010	3	42	0	0	0	0
3582	0	0	5	208	3	376
3583	5508	1396	0	0	341	340
3584	0	0	0	0	0	0
3586	4	42	0	0	6	92
3587	9	54	0	0	4	61
3588	0	0	0	0	8	274
3589	38	350	0	0	1	12
3591	0	0	0	0	0	0
3592	6	41	0	0	16	60
3593	0	0	0	0	6	267
3594	24	618	0	0	2	65
3595	0	0	0	0	1	38
3596	18	596	0	0	15	475
3597	0	0	0	0	0	0
3598	4	43	0	0	0	0
3599	7	122	0	0	15	247
FRM YTD	5621	3304	5	208	418	2307
TOT YTD	343721	65175	234	1111	47394	7203

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	54	632	0	0	54	632
EAST GERMANY	30	507	2	47	32	554
FINLAND	14	266	45	480	59	746
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	8	270	8	270
HUNGARY	3	101	0	0	3	101
ICELAND	0	0	0	0	0	0
IRELAND	101	15	10	3	111	18
MALTA	0	0	0	0	0	0
NORWAY	3	113	14	330	17	443
POLAND	91	918	0	0	91	918
ROMANIA	1	10	0	0	1	10
USSR	4	183	1	8	5	191
OTHER EUROPE	95	83	6	1	101	84
TOTAL	396	2828	86	1139	482	3967
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	46398	1530	179	835	46577	2365
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	46398	1530	179	835	46577	2365
OTHER SOUTH AMERICA						
ARGENTINA	14	130	0	0	14	130
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	5	11	0	0	5	11
OTHER S. AM.	0	0	0	0	0	0
TOTAL	19	141	0	0	19	141
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	52	11	52	11
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	0	0	52	11	52	11

U.S. IMPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	101	120	6	146	107	266
INDIA	35	199	20	20	55	219
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	1	5	1	5
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	17	39	0	0	17	39
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	22	24	22	24
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	153	358	49	195	202	553
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	4	35	0	0	4	35
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	1	67	1	67
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	1	52	1	52
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	6	4	50	8	56	12
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	10	39	52	127	62	166

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

RELEASED: SEPTEMBER 23, 1988

		TOTAL UNITS	YTD $000
674	METAL CUTTING		
3020	Gear Hobbers & Shapers	62	4639
3045	Gear Cutting Machines, N.E.C	27	6287
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	67	4515
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	8	1728
3209	Horizontal Machining Centers, ATC, NC	9	2449
3211	Machining Centers, NC, N.E.C.	41	3192
3216	Single Station and Multi-Station Transfer Machines	14	9444
3225	Way Type Machines (Unit Heads)	5	415
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	2	692
3246	Horiz. Boring-Drilling Milling Machines, NC, N.E.C.	2	492
3247	Vertical Boring-Drilling-Milling Machines, NC	3	1269
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	3	538
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	11	657
3254	Drilling Machines, NC	12	758
3255	Drilling Machines, Multi-Spindle, Non-NC	11	916
3256	Drilling Machines, Radial, Non-NC	13	553
3257	Drilling Machines, Upright, Single Spindle, Non-NC	8	270
3258	Drilling Machines, Non-NC, N.E.C.	48	1351
3264	Milling Machines, NC	10	2990
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	25	2946
3267	Milling Machines, Knee Type, Non-NC	2	88
3268	Milling Machines, Bed Type, Non-NC	1	54
3269	Milling Machines, Non-NC, N.E.C.	90	4921
3276	Vertical Boring Machines, Incl. VTLs, NC	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	55	2377
3281	Boring Machines, NC, N.E.C.	3	210
3283	Boring Machines, Non-NC, N.E.C.	73	3489
3503	Horizontal Lathes, Multi-Spindle, NC	28	5861
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	65	4801
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	17	2707
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	5	1486
3510	Horizontal Engine & Toolroom Lathes, Non-NC	42	1387
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	15	1753
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	6	478
3515	Automatic Bar Machines, Single Spindle, Non-NC	17	191
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	31	1164
3518	Horizontal Lathes, Non-NC, N.E.C.	173	4931
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	3	438
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	4	183
3525	Vertical Lathes, Excl. VTLs, Non-NC	44	2237
3528	Grinding, Polishing, Honing & Lapping Machines, NC	115	22061
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	33	1212
3531	Tool & Cutter Grinding Machines, Non-NC	205	3620
3532	Honing & Lapping Machines, Non-NC	310	3559
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	77	1183
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	135	8667
3541	External Grinding Machines, Non-NC	10	943
3542	Internal Grinding Machines, Non-NC	22	4485
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	134	6877
3546	Grinding Machines, Non-NC, N.E.C.	155	5764
3547	Traveling Wire Electrical Discharge Machines	3	190
3549	All Other Electrical Discharge Machines	104	991
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	5	218
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	55	2294
3559	Metal Cutting Machine Tools, NC, N.E.C.	74	3073
3565	Sawing & Cut Off Machines, Non-NC	290	3930
3566	Broaching Machines, Non-NC	7	1120
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	154	4056
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	3072	28060
5000	Metal Cutting Machine Tools, Less Than $2500**	15456	8297
	TOTAL CUTTING	21471	195419
674	METAL FORMING		
1011	Die Casting Machines & Parts	0	8133
3568	Metal Forming Machine Tools, Used Or Rebuilt	513	6650
3569	Metal Forming Machine Tools, Less Than $2500	3654	2236
3571	Punching & Shearing Machines, Incl. Combination, NC	55	9379
3573	Shearing Machines, Non-NC	60	1365
3575	Punching & Combination Punching & Shearing Machines, Non-NC	451	11737
3578	Bending, Folding, Straightening & Flattening Machines, NC	71	3142
3582	Press Brakes, Non-NC	44	2460
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	9	1171
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	539	17110
3588	Mechanical Presses	159	15071
3589	Hydraulic Presses, Vertical, Single Action	66	3218
3590	Hydraulic & Pneumatic Presses	625	28737
3594	Headers & Upsetters, Non-NC	47	11613
3595	Forging Machines, Non-NC, N.E.C.	48	1268
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	566	32035
	TOTAL FORMING	6907	155307
	TOTAL ALL TYPES	28378	350726

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527 & 3557

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	2	196	0	0
3204	0	0	10	996	0	0	7	734	0	0
3206	0	0	1	122	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	2	82	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	1	215	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	7	165	0	0
3281	0	0	0	0	0	0	2	125	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	1	78	15	1127	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	2	72	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	505	0	0
3521	0	0	0	0	0	0	0	0	1	235
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	1	25	0	0	0	0
3530	0	0	0	0	0	0	0	0	0	0
3531	0	0	2	89	0	0	0	0	2	14
3532	2	30	10	85	1	14	18	194	0	0
3533	[illegible]	0	0	0	0	0	0	0	0	0
3538	[illegible]	0	0	0	0	0	0	0	0	0
3541	[illegible]	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	6	448	0	0
3544	3	41	0	0	1	172	0	0	3	41
3546	0	0	0	0	0	0	1	27	4	239
3547	0	0	0	0	0	0	0	0	0	0
3549	5	45	1	2	0	0	1	82	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	2	78	0	0
3565	1	10	0	0	0	0	1	6	1	11
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	165	11	303	0	0
4000	14	8	15	148	0	0	82	762	0	0
5000	51	33	110	85	0	0	141	96	0	0
CUT YTD	78	460	164	2654	4	376	286	3875	11	540
1011	0	21	0	2	0	2	0	173	0	0
3568	0	0	3	38	0	0	37	531	0	0
3569	0	0	76	13	2	2	194	66	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	1	235	0	0
3575	0	0	1	40	1	25	24	731	7	143
3578	0	0	0	0	2	36	5	106	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	1	79	2	215	2	39	9	596	6	239
3588	0	0	0	0	3	87	4	638	0	0
3589	0	0	6	119	0	0	1	577	0	0
3590	0	0	0	0	0	0	10	224	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	31
3598	0	0	13	504	0	0	16	942	0	0
FRM YTD	1	100	101	931	10	191	301	4819	14	413
TOT YTD	79	560	265	3585	14	567	587	8694	25	953

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	2	201	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	1	123	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	1	157	1	600
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	3	103	0	0	0	0	0	0	0	0
3255	1	92	0	0	0	0	0	0	0	0
3256	1	176	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	3	436	0	0	0	0	1	60	1	90
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	3	47	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	7	321	0	0
3518	0	0	2	28	0	0	0	0	2	23
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	4	53	0	0	0	0	0	0	0	0
3528	5	998	1	263	0	0	0	0	0	0
3529	2	82	0	0	0	0	0	0	0	0
3531	2	128	0	0	0	0	1	111	0	0
3532	30	246	7	71	1	15	11	91	3	19
3533	0	0	0	0	0	0	0	0	0	0
3538	9	101	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	1	124	0	0	0	0	0	0
3544	6	285	9	107	0	0	0	0	1	152
3546	0	0	3	460	0	0	1	18	2	26
3547	0	0	0	0	0	0	0	0	0	0
3549	11	46	0	0	0	0	2	4	9	68
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	15	0	0	1	368	0	0
3565	5	155	5	230	0	0	1	10	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	6	28	3	32
4000	154	1133	12	23	3	6	4	75	31	254
5000	112	73	112	86	0	0	187	59	63	69
CUT YTD	354	4478	153	1407	4	21	223	1302	116	1333
1011	0	26	0	36	0	0	0	44	0	27
3568	7	108	0	0	0	0	23	223	3	191
3569	11	9	23	4	0	0	0	0	50	8
3571	0	0	7	1234	0	0	0	0	0	0
3573	1	61	0	0	0	0	0	0	0	0
3575	9	293	13	177	0	0	1	50	7	85
3578	1	16	2	68	0	0	2	50	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	37	935	4	19	0	0	19	677	8	124
3588	4	763	2	42	0	0	1	399	0	0
3589	0	0	0	0	0	0	0	0	1	31
3590	2	72	4	46	0	0	3	173	0	0
3594	2	1733	0	0	0	0	2	812	0	0
3595	0	0	1	59	1	50	0	0	0	0
3598	11	450	28	716	0	0	5	1015	9	494
FRM YTD	85	4466	84	2401	1	50	56	3443	78	964
TOT YTD	439	8944	237	3808	5	71	279	4745	194	2297

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	1	880	2	601	0	0
3045	0	0	0	0	0	0	1	80	0	0
3204	0	0	9	519	0	0	1	150	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	2	544	0	0	0	0	0	0
3211	0	0	2	101	0	0	1	29	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	3	237	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	2	492	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	2	83	0	0
3255	0	0	0	0	0	0	1	185	0	0
3256	0	0	2	33	0	0	0	0	0	0
3257	0	0	4	231	0	0	0	0	0	0
3258	0	0	1	3	0	0	3	139	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	193	1	154	0	0	1	5	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	2	38	0	0	0	0	5	83	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	2	317	0	0	2	119	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	26	1396	0	0	0	0	0	0
3507	0	0	11	1458	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	1	3	0	0	0	0	1	220	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	5	50	0	0	0	0	0	0
3516	0	0	0	0	0	0	1	63	0	0
3518	10	91	8	352	0	0	2	51	0	0
3521	1	48	0	0	0	0	0	0	0	0
3523	0	0	1	56	0	0	0	0	0	0
3525	0	0	1	20	0	0	1	21	0	0
3528	1	215	14	936	0	0	11	1309	0	0
3529	0	0	4	156	0	0	9	227	0	0
3531	2	7	4	158	0	0	27	212	0	0
3532	11	140	11	114	6	67	65	625	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	337	4	32	0	0	2	68	0	0
3541	0	0	1	53	0	0	1	100	0	0
3542	0	0	3	98	0	0	3	488	0	0
3544	5	55	6	125	0	0	22	1428	0	0
3546	7	33	25	655	0	0	4	435	0	0
3547	0	0	1	58	0	0	1	129	0	0
3549	2	54	11	82	0	0	3	5	0	0
3551	0	0	0	0	0	0	1	65	0	0
3553	1	70	0	0	0	0	1	180	0	0
3559	0	0	5	592	0	0	0	0	0	0
3565	1	16	14	202	1	14	3	51	0	0
3566	0	0	1	25	0	0	0	0	0	0
3567	1	6	3	20	0	0	7	208	0	0
4000	23	311	95	3294	0	0	24	306	1	74
5000	71	50	1302	802	0	0	565	525	0	0
CUT YTD	141	1667	1579	12636	8	961	778	8919	1	74
1011	0	57	0	646	0	0	0	983	0	144
3568	0	0	10	310	0	0	3	76	0	0
3569	29	14	58	41	0	0	809	416	0	0
3571	0	0	2	93	0	0	3	465	1	205
3573	0	0	0	0	0	0	0	0	0	0
3575	1	60	15	390	0	0	12	601	0	0
3578	0	0	2	47	0	0	7	427	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	49	734	0	0	41	1229	1	95
3588	0	0	7	1364	0	0	2	2035	0	0
3589	2	71	7	216	2	52	2	283	0	0
3590	1	62	16	741	0	0	58	3293	0	0
3594	0	0	0	0	0	0	17	3082	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	5	652	42	2182	0	0	15	241	2	189
FRM YTD	38	916	208	6764	2	52	969	13131	4	633
TOT YTD	179	2583	1787	19400	10	1013	1747	22050	5	707

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	42	1592	0	0	0	0	0	0
3045	0	0	3	1195	1	192	0	0	0	0
3204	0	0	14	1277	2	66	0	0	1	134
3206	0	0	1	95	0	0	0	0	0	0
3209	0	0	3	1113	1	40	0	0	0	0
3211	1	53	5	524	13	383	0	0	0	0
3216	0	0	6	2093	0	0	0	0	0	0
3225	0	0	2	178	0	0	0	0	0	0
3245	0	0	0	0	1	267	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	1	512	0	0	0	0	0	0	0	0
3248	0	0	1	150	1	68	0	0	0	0
3249	0	0	5	354	3	69	1	12	0	0
3254	0	0	2	101	3	190	0	0	0	0
3255	1	138	1	58	4	259	0	0	0	0
3256	0	0	1	57	4	82	0	0	0	0
3257	0	0	1	3	3	36	0	0	0	0
3258	1	6	5	84	18	288	3	11	0	0
3264	0	0	5	1047	0	0	0	0	0	0
3266	0	0	19	2827	1	12	0	0	0	0
3267	0	0	2	88	0	0	0	0	0	0
3268	0	0	1	54	0	0	0	0	0	0
3269	0	0	4	918	36	516	2	32	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	5	440	12	911	0	0	0	0
3281	0	0	0	0	1	85	0	0	0	0
3283	0	0	17	1416	29	788	3	31	0	0
3503	0	0	2	175	10	887	0	0	0	0
3505	0	0	9	675	0	0	0	0	3	247
3507	0	0	5	1070	0	0	0	0	1	179
3509	0	0	0	0	4	590	0	0	0	0
3510	0	0	10	204	14	236	2	10	0	0
3511	1	130	1	328	0	0	0	0	0	0
3512	0	0	2	175	1	25	0	0	0	0
3515	0	0	7	54	0	0	0	0	0	0
3516	0	0	8	184	2	80	0	0	0	0
3518	3	36	16	218	54	698	2	16	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	1	70	0	0	0	0
3525	0	0	3	372	22	1185	0	0	0	0
3528	1	154	6	725	42	12353	0	0	0	0
3529	0	0	3	42	3	49	0	0	0	0
3531	2	12	83	706	30	310	0	0	0	0
3532	9	97	9	192	23	283	3	35	0	0
3533	0	0	12	136	2	6	0	0	0	0
3538	0	0	9	1008	46	583	0	0	0	0
3541	0	0	4	87	3	567	0	0	0	0
3542	0	0	3	1385	0	0	1	21	0	0
3544	0	0	19	1828	11	122	0	0	3	31
3546	0	0	15	1869	64	756	1	8	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	3	6	24	160	15	180	0	0	1	2
3551	1	50	1	24	1	42	0	0	0	0
3553	0	0	12	785	4	200	0	0	0	0
3559	0	0	44	925	1	111	0	0	0	0
3565	0	0	101	931	91	954	3	20	1	194
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	22	443	48	1231	2	6	0	0
4000	14	293	309	2924	1588	7349	58	200	0	0
5000	128	93	5564	2667	1118	539	187	137	109	86
CUT YTD	166	1580	6448	35956	3331	33658	268	539	119	873
1011	0	231	0	3498	0	367	0	98	0	0
3568	1	28	114	1263	255	2912	6	111	8	210
3569	33	11	1552	887	388	452	6	8	6	6
3571	1	28	24	4984	0	0	2	160	1	128
3573	0	0	13	298	13	183	0	0	0	0
3575	2	22	53	1128	57	1406	7	59	0	0
3578	10	332	10	333	2	114	3	119	0	0
3582	0	0	12	600	6	327	0	0	0	0
3583	0	0	1	54	7	308	0	0	0	0
3584	26	510	140	2342	47	983	0	0	2	43
3588	1	108	11	734	51	1137	0	0	4	98
3589	2	73	0	0	14	648	0	0	0	0
3590	1	35	105	3808	296	5154	1	6	0	0
3594	0	0	5	1245	1	119	0	0	0	0
3595	1	6	13	267	17	373	3	51	1	12
3598	1	13	142	5154	76	1238	6	153	4	95
FRM YTD	79	1397	2195	26595	1230	15721	34	765	26	592
TOT YTD	245	2977	8643	62551	4561	49379	302	1304	145	1465

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	2	80	0	0
3045	2	294	3	238	5	692	0	0	0	0
3204	0	0	0	0	1	25	0	0	0	0
3206	0	0	0	0	4	899	0	0	2	612
3209	0	0	0	0	1	300	0	0	0	0
3211	4	254	3	221	0	0	0	0	1	1020
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	1	425
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	1	60	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	1	6	1	5	0	0	4	71	1	16
3264	0	0	0	0	0	0	0	0	1	121
3266	0	0	0	0	4	84	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	4	306	0	0	25	671	1	17	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	2	86	0	0	10	170	0	0	3	334
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	2	94	0	0	2	201
3503	2	235	0	0	5	937	0	0	2	2566
3505	0	0	0	0	4	505	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	2	11	0	0	0	0	1	14
3511	0	0	0	0	8	614	0	0	1	229
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	1	6	0	0	0	0
3516	8	316	5	200	0	0	0	0	0	0
3518	0	0	2	20	5	58	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	1	12	1	20	0	0	0	0
3528	0	0	1	45	0	0	1	31	10	784
3529	0	0	0	0	1	33	0	0	0	0
3531	1	50	1	4	2	12	0	0	13	666
3532	0	0	3	36	0	0	0	0	23	392
3533	0	0	0	0	0	0	0	0	22	354
3538	5	760	0	0	6	68	6	47	4	950
3541	0	0	0	0	1	136	0	0	0	0
3542	0	0	0	0	0	0	0	0	1	433
3544	8	62	0	0	0	0	0	0	2	306
3546	0	0	0	0	3	202	0	0	4	102
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	35	5	44	1	4	1	18
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	3	349	1	12
3559	1	36	0	0	1	24	0	0	0	0
3565	0	0	3	25	0	0	1	13	4	64
3566	0	0	0	0	1	34	0	0	0	0
3567	0	0	1	8	5	91	0	0	1	64
4000	8	371	53	642	72	1226	39	202	97	940
5000	31	40	42	46	2137	571	91	86	30	24
CUT YTD	77	2816	123	1548	2311	7576	149	900	228	10647
1011	0	66	0	18	0	59	0	157	0	0
3568	5	151	6	45	5	65	0	0	0	0
3569	4	4	9	8	88	38	12	10	0	0
3571	0	0	0	0	1	258	0	0	1	274
3573	0	0	0	0	1	33	0	0	1	48
3575	4	69	2	20	11	131	7	65	10	265
3578	0	0	0	0	10	507	0	0	5	191
3582	0	0	0	0	0	0	3	32	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	2	15	1	125	2	42	19	750
3588	5	126	2	50	9	1118	0	0	0	0
3589	0	0	0	0	0	0	0	0	2	240
3590	0	0	3	222	3	266	1	18	4	566
3594	9	2538	1	123	0	0	0	0	0	0
3595	0	0	0	0	4	311	2	31	0	0
3598	12	855	4	144	8	1415	2	47	6	564
FRM YTD	39	3809	29	645	141	4326	29	402	48	2898
TOT YTD	116	6625	152	2193	2452	11902	178	1302	276	13545

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	8	120	1	240
3045	1	144	2	939	0	0	0	0	6	1633
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	3	716
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	1	7	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	2	124
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	2	143
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	217	0	0	0	0	0	0	6	443
3276	0	0	0	0	0	0	0	0	0	0
3277	1	14	0	0	6	109	1	15	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	2	159
3503	1	390	0	0	0	0	0	0	5	541
3505	2	215	0	0	0	0	0	0	2	329
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	4	41
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	1	30	0	0	0	0	1	62
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	3	0	0	0	0	2	36	32	2223
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	2	50	3	48	1	58	2	89
3528	0	0	1	354	0	0	0	0	5	1493
3529	0	0	1	34	0	0	0	0	1	30
3531	11	82	0	0	0	0	0	0	4	359
3532	3	34	1	18	0	0	1	10	2	27
3533	8	94	0	0	0	0	0	0	0	0
3538	0	0	1	8	0	0	16	3011	3	24
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	1	447
3544	2	9	0	0	0	0	0	0	15	1231
3546	0	0	0	0	0	0	0	0	10	27
3547	0	0	0	0	0	0	0	0	0	0
3549	1	123	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	1	37	0	0
3553	4	70	0	0	0	0	0	0	23	477
3559	1	11	5	400	0	0	1	13	0	0
3565	1	20	6	94	0	0	3	46	17	321
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	3	4	190
4000	10	164	23	464	17	132	10	51	21	141
5000	141	102	89	55	0	0	51	32	946	526
CUT YTD	189	1692	133	2453	26	289	96	3432	1120	12036
1011	0	54	0	72	0	0	0	26	0	248
3568	0	0	2	33	0	0	0	0	6	95
3569	21	18	0	0	5	4	0	0	45	49
3571	0	0	0	0	0	0	2	675	1	122
3573	1	20	0	0	0	0	1	35	5	75
3575	5	47	2	29	0	0	5	115	41	1024
3578	1	70	0	0	1	281	0	0	4	221
3582	6	847	1	49	0	0	0	0	1	30
3583	0	0	0	0	0	0	0	0	0	0
3584	5	66	1	14	0	0	1	16	38	2581
3588	4	93	0	0	0	0	1	63	14	3392
3589	1	21	7	230	0	0	0	0	13	414
3590	10	929	2	149	0	0	2	24	48	8101
3594	0	0	1	454	0	0	1	389	0	0
3595	0	0	0	0	0	0	0	0	2	25
3598	34	795	8	199	0	0	1	467	29	3234
RM YTD	88	2960	24	1229	6	285	14	1810	247	19611
TOT YTD	277	4652	157	3682	32	574	110	5242	1367	31647

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
574	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	4	925	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	1	684
3204	13	402	0	0	0	0	0	0	8	180
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	1	50
3211	1	130	3	131	0	0	0	0	0	0
3216	5	6635	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	1	320	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	1	254	0	0	0	0	1	27	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	1	48	0	0	2	67	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	4	42	0	0
3264	1	1620	0	0	0	0	0	0	0	0
3266	1	23	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	308	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	1	12	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	7	147	0	0	0	0	1	50	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	2	165	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	1	896	0	0
3510	5	641	0	0	0	0	2	7	0	0
3511	1	75	0	0	0	0	0	0	3	377
3512	1	186	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	6	342	0	0	2	29	3	49	12	67
3521	1	155	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	2	57
3525	0	0	0	0	0	0	0	0	2	274
3528	7	1473	0	0	0	0	1	287	4	486
3529	8	362	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	2	10	9	627
3532	15	247	0	0	0	0	0	0	8	107
3533	13	265	0	0	0	0	2	68	13	139
3538	6	677	2	34	0	0	4	300	5	394
3541	0	0	0	0	0	0	0	0	0	0
3542	2	477	0	0	0	0	0	0	0	0
3544	2	410	0	0	4	44	9	209	3	219
3546	4	533	0	0	0	0	1	280	2	70
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	2	14
3551	0	0	0	0	0	0	0	0	0	0
3553	6	151	0	0	0	0	0	0	0	0
3559	6	85	0	0	0	0	1	21	1	56
3565	5	71	1	23	5	161	0	0	9	200
3566	5	1061	0	0	0	0	0	0	0	0
3567	24	348	0	0	1	10	4	18	4	157
4000	82	4076	65	278	5	42	38	724	31	236
5000	254	190	0	0	172	152	814	204	258	91
CUT YTD	490	22754	72	514	190	450	890	3259	378	4485
1011	0	461	0	4	0	0	0	195	0	181
3568	5	70	0	0	0	0	5	50	0	0
3569	13	9	0	0	17	16	89	79	17	12
3571	1	95	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	1	16	0	0
3575	46	1155	0	0	0	0	2	8	11	1219
3578	2	34	0	0	0	0	0	0	1	175
3582	1	82	0	0	0	0	0	0	1	33
3583	1	809	0	0	0	0	0	0	0	0
3584	11	592	0	0	1	8	0	0	5	126
3588	15	1757	0	0	0	0	8	491	1	121
3589	1	90	0	0	0	0	0	0	0	0
3590	14	2517	0	0	0	0	4	60	20	1234
3594	4	990	1	28	0	0	0	0	0	0
3595	2	52	0	0	0	0	0	0	0	0
3598	28	2181	4	99	2	143	15	452	18	3887
FRM YTD	144	10894	5	131	20	167	124	1351	74	6988
TOT YTD	634	33648	77	645	210	617	1014	4610	452	11473

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	1	32	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	1	402	0	0	0	0
3211	1	48	0	0	3	93	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	1	85	1	5	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	1	94	0	0	0	0
3264	1	59	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	5	731	0	0	1	183	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	1	100	1	11	1	9	0	0	0	0
3503	0	0	0	0	1	130	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	2	9	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	5	51	3	35	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	1	35	0	0	0	0
3528	1	70	0	0	0	0	0	0	0	0
3529	1	197	0	0	0	0	0	0	0	0
3531	1	3	2	9	1	37	0	0	1	4
3532	0	0	5	107	14	119	0	0	0	0
3533	0	0	5	121	0	0	0	0	0	0
3538	0	0	5	145	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	1	564	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	2	18	1	3	0	0	0	0
3547	0	0	1	3	0	0	0	0	0	0
3549	0	0	3	15	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	11	2	327	0	0	0	0
3565	1	18	2	34	0	0	1	7	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	494	3	156	0	0	0	0
4000	3	346	38	210	27	360	1	3	0	0
5000	25	16	115	130	103	126	64	67	0	0
CUT YTD	42	2237	183	1345	167	2134	69	112	1	4
1011	0	7	0	38	0	99	0	10	0	0
3568	1	3	8	137	0	0	0	0	0	0
3569	4	4	33	15	51	29	0	0	0	0
3571	0	0	0	0	8	658	0	0	0	0
3573	0	0	2	36	20	325	0	0	0	0
3575	0	0	79	2007	9	222	4	26	0	0
3578	0	0	0	0	1	15	0	0	0	0
3582	3	30	0	0	10	430	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	14	530	33	434	6	1688	0	0
3588	1	317	8	123	1	15	0	0	0	0
3589	0	0	1	52	4	101	0	0	0	0
3590	1	58	7	494	8	470	0	0	0	0
3594	0	0	1	75	2	25	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	1	189	11	1343	8	1983	0	0	0	0
ERM YTD	11	608	164	4850	155	4806	10	1724	0	0
TOT YTD	53	2845	347	6195	322	6940	79	1836	1	4

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
JUNE 1988

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	1	227	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	1	64	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	2	60	0	0
3529	0	0	0	0	0	0
3531	0	0	2	10	0	0
3532	0	0	15	144	0	0
3533	0	0	0	0	0	0
3538	0	0	1	120	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	1	3	0	0
3547	0	0	0	0	0	0
3549	0	0	1	2	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	2	29
3566	0	0	0	0	0	0
3567	0	0	0	0	1	75
4000	0	0	2	272	3	20
5000	0	0	272	437	1	2
CUT YTD	1	227	297	1112	7	126
1011	0	9	0	25	0	49
3568	0	0	0	0	0	0
3569	0	0	9	4	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	3	121
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	1	14	5	1250
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	1	15	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM YTD	0	9	11	58	8	1420
TOT YTD	1	236	308	1170	15	1546

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	5	413	2	269	7	682
CYPRUS	0	0	1	7	1	7
CZECHOSLOVAKIA	0	0	1	35	1	35
EAST GERMANY	0	0	1	28	1	28
FINLAND	29	38	32	550	61	588
GIBRALTAR	0	0	0	0	0	0
GREECE	12	210	0	0	12	210
HUNGARY	0	0	0	0	0	0
ICELAND	9	19	4	3	13	22
MALTA	0	0	0	0	0	0
NORWAY	102	188	31	293	133	481
PORTUGAL	9	712	7	212	16	924
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	166	1580	79	1397	245	2977
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	120	79	2	77	122	156
BARBADOS	1	2	1	71	2	73
BELIZE	0	0	0	0	0	0
BERMUDA	8	6	0	0	8	6
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	19	61	9	137	28	198
DOMINICAN REP.	18	99	8	58	26	157
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	34	105	1	10	35	115
HAITI	1	3	2	53	3	56
HONDURAS	8	29	5	93	13	122
JAMAICA	3	10	2	19	5	29
LW & WW IS	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	6	7	0	2	6	9
PANAMA	5	18	0	0	5	18
SALVADOR	33	36	2	85	35	121
TRINIDAD	7	49	0	0	7	49
TURK ISLAND	1	2	0	0	1	2
OTHER N & C AM	4	33	2	160	6	193
TOTAL	268	539	34	765	302	1304
OTHER SOUTH AMERICA						
BOLIVIA	29	21	0	0	29	21
CHILE	53	305	20	214	73	519
ECUADOR	24	37	4	117	28	154
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	6	36	0	0	6	36
PERU	10	428	3	56	13	484
SURINAM	0	0	1	8	1	8
URAGUAY	26	68	1	7	27	75
OTHER S. AM	1	5	0	0	1	5
TOTAL	149	900	29	402	178	1302
OTHER OCEANIA						
FR. PAC. IS	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS	0	0	0	0	0	0
OTH. PAC. IS	0	0	0	0	0	0
OTHER OCEANIA	1	4	0	0	1	4
TOTAL	1	4	0	0	1	4

U.S. EXPORTS OF MACHINE TOOLS YEAR TO DATE SUMMARY TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMNS

JUNE 1988

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	15	572	14	5	29	577
BAHRAIN	4	3	1	8	5	11
BANGALDESH	0	0	0	4	0	4
BRUNEI	0	0	0	0	0	0
BURMA	1	5	0	0	1	5
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	12	12	0	0	12	12
KUWAIT	35	42	1	283	36	325
LEBANON	0	0	0	0	0	0
MALAYSIA	57	253	86	2043	143	2296
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	21	178	14	290	35	468
QATAR	6	15	1	29	7	44
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	32	265	47	2188	79	2453
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	183	1345	164	4850	347	6195
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	1	199	1	199
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	1	28	1	28
GABON	2	92	0	0	2	92
GHANA	0	0	0	16	0	16
GUINEA	1	12	0	0	1	12
IVORY COAST	0	0	0	0	0	0
KENYA	2	12	2	12	4	24
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	1	2	0	0	1	2
MOROCCO	0	0	3	1023	3	1023
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	1	8	1	109	2	117
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	24	0	24
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	9	0	9
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	7	126	8	1420	15	1546

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'O-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.